NSSE 2023

Frequencies and Statistical Comparisons

University of Central Missouri

NSSE 2023 Frequencies and Statistical Comparisons
About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website (nsse.indiana.edu) or contact a member of the NSSE team.

1. *Class level:* As reported by your institution.

2. *Item numbers:* Numbering corresponds to the instrument available on the NSSE website.

3. *Item wording and variable names:* Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

4. *Values and response options:* Values are used to calculate means. Response options are worded as they appear on the instrument.

5. *Count and column percentage (%):* The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

   Note: Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: go.iu.edu/NSSE-weights

6. *Statistical comparisons:* Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (*$p < .05$, **$p < .01$, ***$p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes will generate more statistically significant results even when the magnitude of mean differences are inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent *t*-tests. Exceptions are items 11 a-f which are compared using a *z*-test.

NSSE Frequencies and Statistical Comparisons
NSSEville State University

7. *Effect size:* Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large (NSSE adjusts this to .1/.3/.5 for the Engagement Indicators). A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent *t*-tests use Cohen's *d*; *z*-tests use Cohen's *h*. Cohen's *d* is calculated by dividing the mean difference by the pooled standard deviation. Cohen's *h* is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition).* New York: Psychology Press.

8. *Key to symbols:*

   ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.

   △ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.

   ▽ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.

   ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

   Note: It is important to interpret the direction of differences relative to item wording and your institutional context. You may not see all of these symbols in your report.

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]
Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	6	4	435	4	2,140	5	133	3							
		2	Sometimes	47	29	4,523	41	17,891	38	1,566	38							
		3	Often	59	40	3,904	35	16,444	33	1,517	37	2.9	2.7 * △	.21	2.8	.15	2.8	.13
		4	Very often	33	26	2,203	20	11,353	24	913	22							
			Total	145	100	11,065	100	47,828	100	4,129	100							
b. Asked another student to help you understand course material	CLaskhelp	1	Never	30	23	1,158	11	8,882	23	489	13							
		2	Sometimes	61	41	4,482	41	19,126	39	1,725	42							
		3	Often	38	26	3,611	32	12,827	25	1,267	30	2.2	2.5 *** ▼	-.35	2.3	-.06	2.5 ** ▽	-.28
		4	Very often	15	9	1,798	16	6,792	13	631	15							
			Total	144	100	11,049	100	47,627	100	4,112	100							
c. Explained course material to one or more students	CLexplain	1	Never	20	16	845	8	7,379	19	357	9							
		2	Sometimes	54	36	4,613	41	19,363	40	1,766	43							
		3	Often	45	31	3,896	35	14,319	28	1,408	34	2.5	2.6	-.09	2.3 * △	.18	2.5	-.02
		4	Very often	24	18	1,694	15	6,488	13	582	14							
			Total	143	100	11,048	100	47,549	100	4,113	100							
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	47	32	2,083	19	12,448	31	871	22							
		2	Sometimes	46	29	4,163	38	16,907	35	1,582	38							
		3	Often	37	31	3,057	28	11,674	23	1,112	27	2.2	2.4 ** ▽	-.23	2.2	.01	2.3	-.15
		4	Very often	13	9	1,692	15	6,234	12	528	13							
			Total	143	100	10,995	100	47,263	100	4,093	100							
e. Worked with other students on course projects or assignments	CLproject	1	Never	26	19	943	9	8,000	22	373	9							
		2	Sometimes	64	40	4,307	39	16,857	35	1,703	42							
		3	Often	35	32	3,982	36	15,036	29	1,425	35	2.3	2.6 *** ▼	-.31	2.4	-.04	2.5 ** ▽	-.26
		4	Very often	17	9	1,713	15	7,101	14	577	14							
			Total	142	100	10,945	100	46,994	100	4,078	100							
f. Given a course presentation	present	1	Never	39	32	2,685	25	10,520	26	860	21							
		2	Sometimes	57	41	5,160	47	19,950	41	1,831	45							
		3	Often	30	18	2,260	20	11,246	23	1,017	25	2.1	2.1	-.04	2.2	-.12	2.2 * ▽	-.18
		4	Very often	14	10	827	7	5,169	10	365	9							
			Total	140	100	10,932	100	46,885	100	4,073	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]
Your first-year students compared with

Item wording or description	Variable name [c]	Values [d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	Small Peer Mean	Effect size [e]
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	17	14	858	9	4,784	12	325	9							
		2	Sometimes	47	34	4,126	38	17,407	38	1,517	37							
		3	Often	50	38	4,252	39	16,837	36	1,590	39	2.5	2.6	-.06	2.5	-.01	2.6	-.08
		4	Very often	25	15	1,554	14	7,128	15	595	15							
			Total	139	100	10,790	100	46,156	100	4,027	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	17	14	1,122	12	4,682	11	374	10							
		2	Sometimes	56	33	4,248	40	16,859	37	1,489	37							
		3	Often	41	34	3,833	35	16,307	35	1,496	37	2.6	2.5	.08	2.6	.00	2.6	.00
		4	Very often	25	18	1,511	13	7,853	17	638	16							
			Total	139	100	10,714	100	45,701	100	3,997	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	16	14	1,260	13	5,030	13	362	10							
		2	Sometimes	61	40	3,972	38	16,007	36	1,404	35							
		3	Often	40	30	3,704	34	15,622	33	1,446	36	2.5	2.5	-.04	2.6	-.10	2.6	-.16
		4	Very often	21	16	1,715	16	8,584	18	758	19							
			Total	138	100	10,651	100	45,243	100	3,970	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	7	4	563	6	2,184	5	185	5							
		2	Sometimes	48	33	3,447	33	13,740	31	1,231	32							
		3	Often	62	49	4,774	45	19,886	44	1,804	45	2.7	2.7	.01	2.8	-.07	2.8	-.04
		4	Very often	16	14	1,737	16	8,880	20	710	18							
			Total	133	100	10,521	100	44,690	100	3,930	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	1	1	325	4	1,429	4	103	3							
		2	Sometimes	43	30	2,816	27	11,409	26	1,002	26							
		3	Often	60	49	5,009	48	20,066	45	1,867	47	2.9	2.9	.03	2.9	-.02	2.9	-.02
		4	Very often	31	20	2,237	21	11,051	25	920	24							
			Total	135	100	10,387	100	43,955	100	3,892	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	5	4	303	3	1,343	3	119	3							
		2	Sometimes	37	29	3,201	32	12,726	30	1,148	31							
		3	Often	58	48	4,671	45	19,271	44	1,767	45	2.8	2.8	.03	2.9	-.04	2.8	.01
		4	Very often	32	20	2,059	20	9,884	23	806	21							
			Total	132	100	10,234	100	43,224	100	3,840	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 4

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

				Frequency Distributions[a]										Statistical Comparisons[b]							
															Your first-year students compared with						
				Central Missouri		Plains Public		Carnegie Class		Small Peer			Central Missouri	Plains Public		Carnegie Class		Small Peer			
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]		
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	4	121	1	731	2	48	1										
		2	Sometimes	28	15	2,091	22	8,787	21	771	21										
		3	Often	59	53	5,189	51	20,837	48	1,924	50		3.0	3.0	.03	3.0	.00	3.0	.01		
		4	Very often	38	28	2,725	26	12,341	29	1,054	27										
			Total	129	100	10,126	100	42,696	100	3,797	100										

3. During the current school year, about how often have you done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
a. Talked about career plans with a faculty member	SFcareer	1	Never	16	21	1,568	16	7,917	21	539	15								
		2	Sometimes	49	36	4,421	44	17,777	41	1,602	42								
		3	Often	37	26	2,735	27	10,731	24	1,059	28		2.4	2.4	.02	2.3	.09	2.4	-.06
		4	Very often	26	17	1,415	14	6,235	14	600	16								
			Total	128	100	10,139	100	42,660	100	3,800	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	52	51	4,465	44	20,197	50	1,686	44								
		2	Sometimes	39	25	3,292	33	12,749	29	1,221	32								
		3	Often	25	18	1,619	16	6,168	13	579	15		1.8	1.9	-.06	1.8	.03	1.9	-.07
		4	Very often	12	7	736	7	3,359	8	310	8								
			Total	128	100	10,112	100	42,473	100	3,796	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	40	41	3,313	33	14,093	36	1,234	32								
		2	Sometimes	48	28	4,111	41	16,402	38	1,506	40								
		3	Often	26	19	1,855	19	7,808	18	730	20		2.0	2.0	.02	2.0	.04	2.0	-.01
		4	Very often	12	12	726	7	3,661	8	290	8								
			Total	126	100	10,005	100	41,964	100	3,760	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	28	29	2,545	25	9,362	24	864	23								
		2	Sometimes	53	36	4,564	45	18,315	43	1,685	45								
		3	Often	29	19	2,114	21	9,775	22	876	24		2.2	2.1	.10	2.2	.01	2.2	.02
		4	Very often	16	15	791	8	4,492	11	335	9								
			Total	126	100	10,014	100	41,944	100	3,760	100								

4. During the current school year, how much has your coursework emphasized the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
a. Memorizing course material	memorize	1	Very little	6	9	334	3	1,766	5	117	3								
		2	Some	39	29	2,647	27	11,300	28	997	27								
		3	Quite a bit	48	42	4,536	46	18,418	44	1,689	45		2.7	2.9 * ▽	-.22	2.9 * ▽	-.18	2.9 * ▽	-.24
		4	Very much	31	20	2,420	24	10,162	24	932	25								
			Total	124	100	9,937	100	41,646	100	3,735	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]
Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	7	7	358	4	1,633	4	139	4							
		2	Some	37	26	2,702	28	11,195	27	1,050	29							
		3	Quite a bit	50	47	4,641	46	18,895	46	1,736	46	2.8	2.9	-.09	2.9	-.10	2.8	-.06
		4	Very much	29	20	2,181	22	9,584	23	787	21							
			Total	123	100	9,882	100	41,307	100	3,712	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	6	5	412	4	1,674	4	163	5							
		2	Some	37	30	2,858	29	11,192	28	1,070	30							
		3	Quite a bit	56	49	4,478	46	18,148	44	1,679	46	2.8	2.8	-.07	2.9	-.13	2.8	-.05
		4	Very much	23	17	2,039	21	9,748	24	752	20							
			Total	122	100	9,787	100	40,762	100	3,664	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	5	5	471	5	1,448	4	149	4							
		2	Some	35	27	2,927	31	10,321	25	1,031	29							
		3	Quite a bit	53	47	4,374	44	18,729	46	1,714	46	2.8	2.8	.07	2.9	-.08	2.8	.02
		4	Very much	27	21	1,963	20	10,017	25	762	21							
			Total	120	100	9,735	100	40,515	100	3,656	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	6	7	371	4	1,388	4	122	3							
		2	Some	30	24	2,778	29	10,254	25	1,009	29							
		3	Quite a bit	54	47	4,512	46	18,656	46	1,698	46	2.9	2.8	.02	2.9	-.08	2.9	-.02
		4	Very much	31	22	2,034	21	9,982	25	817	22							
			Total	121	100	9,695	100	40,280	100	3,646	100							

5. During the current school year, to what extent have your instructors done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. Clearly explained course goals and requirements	ETgoals	1	Very little	3	5	194	2	1,021	3	77	2							
		2	Some	20	18	2,054	22	8,375	21	701	20							
		3	Quite a bit	58	44	4,687	48	17,761	44	1,762	48	3.0	3.0	.02	3.1	-.04	3.1	-.03
		4	Very much	39	32	2,714	28	12,867	33	1,092	30							
			Total	120	100	9,649	100	40,024	100	3,632	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	5	5	373	4	2,131	6	147	4							
		2	Some	22	17	2,129	22	8,931	22	806	23							
		3	Quite a bit	55	46	4,563	47	16,958	42	1,689	46	3.1	3.0	.13	3.0	.11	2.9	.14
		4	Very much	38	32	2,560	26	11,841	30	985	26							
			Total	120	100	9,625	100	39,861	100	3,627	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]
Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	Central Missouri %	Plains Public Count	Plains Public %	Carnegie Class Count	Carnegie Class %	Small Peer Count	Small Peer %	Central Missouri Mean	Plains Public Mean	Plains Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	Small Peer Mean	Small Peer Effect size[e]
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	5	3	302	3	1,748	5	122	3							
		2	Some	31	29	2,248	24	9,246	23	828	23							
		3	Quite a bit	48	42	4,340	45	16,563	41	1,644	46	2.9	3.0	-.07	3.0	-.08	3.0	-.07
		4	Very much	35	26	2,707	28	12,241	31	1,026	28							
			Total	119	100	9,597	100	39,798	100	3,620	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	11	12	757	8	2,745	8	255	7							
		2	Some	32	29	2,939	31	10,536	27	1,037	29							
		3	Quite a bit	49	39	3,694	39	14,844	37	1,394	39	2.7	2.7	-.09	2.9 * ▽	-.22	2.8	-.16
		4	Very much	28	20	2,188	22	11,564	29	924	25							
			Total	120	100	9,578	100	39,689	100	3,610	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	10	11	863	9	3,105	8	293	8							
		2	Some	39	35	3,279	35	11,729	29	1,182	33							
		3	Quite a bit	48	36	3,613	38	14,570	36	1,361	38	2.6	2.7	-.06	2.8 * ▽	-.22	2.7	-.12
		4	Very much	22	17	1,794	18	10,070	26	761	21							
			Total	119	100	9,549	100	39,474	100	3,597	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	4	4	338	4	1,569	4	133	4							
		2	Some	24	26	2,298	25	8,878	22	833	24							
		3	Quite a bit	55	41	4,334	45	16,257	41	1,598	44	2.9	2.9	-.01	3.0	-.10	3.0	-.04
		4	Very much	34	28	2,523	26	12,551	33	1,009	28							
			Total	117	100	9,493	100	39,255	100	3,573	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	5	8	264	3	1,282	4	104	3							
		2	Some	28	23	2,314	25	9,048	23	838	24							
		3	Quite a bit	51	43	4,562	48	17,219	43	1,706	47	2.9	2.9	-.11	3.0	-.17	3.0	-.13
		4	Very much	34	25	2,339	25	11,566	30	927	26							
			Total	118	100	9,479	100	39,115	100	3,575	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	8	6	749	8	3,301	9	303	9							
		2	Some	45	40	3,629	38	13,350	34	1,324	38							
		3	Quite a bit	45	41	3,688	39	14,551	37	1,380	38	2.6	2.6	-.01	2.7	-.11	2.6	-.01
		4	Very much	18	13	1,390	15	7,851	21	560	16							
			Total	116	100	9,456	100	39,053	100	3,567	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

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University of Central Missouri

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]						
													Your first-year students compared with					
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public		Carnegie Class		Small Peer	
Item wording or description	_Variable name[c]_	_Values[d]_	_Response options_	_Count_	_%_	_Count_	_%_	_Count_	_%_	_Count_	_%_	_Mean_	_Mean_	_Effect size[e]_	_Mean_	_Effect size[e]_	_Mean_	_Effect size[e]_
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	4	4	209	2	1,266	4	79	2							
		2	Some	16	12	1,779	19	7,586	19	669	19							
		3	Quite a bit	57	51	4,404	46	16,685	42	1,638	47	**3.1**	3.1	.05	3.1	.04	3.1	.04
		4	Very much	40	33	3,046	32	13,420	35	1,174	32							
			Total	117	100	9,438	100	38,957	100	3,560	100							

6. During the current school year, about how often have you done the following?

a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	17	11	874	9	4,044	10	380	10							
		2	Sometimes	44	38	3,585	38	14,319	36	1,395	40							
		3	Often	41	39	3,449	38	13,926	37	1,286	36	**2.5**	2.6	-.08	2.6	-.08	2.5	-.01
		4	Very often	12	12	1,391	16	6,040	16	460	14							
			Total	114	100	9,299	100	38,329	100	3,521	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	21	17	1,648	17	6,639	17	610	17							
		2	Sometimes	48	42	3,851	42	15,029	39	1,441	41							
		3	Often	30	28	2,705	29	11,423	30	1,051	30	**2.4**	2.4	.00	2.4	-.05	2.4	-.02
		4	Very often	13	12	1,049	12	5,027	14	401	12							
			Total	112	100	9,253	100	38,118	100	3,503	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	26	24	1,490	16	6,841	18	615	17							
		2	Sometimes	43	36	4,026	44	15,488	40	1,490	43							
		3	Often	33	34	2,804	31	11,311	30	1,030	30	**2.2**	2.4	-.13	2.4	-.12	2.3	-.11
		4	Very often	10	7	906	10	4,227	12	351	10							
			Total	112	100	9,226	100	37,867	100	3,486	100							

7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)

a. Up to 5 pages	wrshortnum	0	None	7	11	845	9	2,785	8	253	8							
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	23	19	2,217	24	7,565	20	844	24							
		4	3-5	36	29	2,802	31	12,286	32	1,098	31							
		8	6-10	24	20	1,885	20	8,383	22	731	21	**6.5**	5.8	.12	6.3	.03	5.9	.10
		13	11-15	11	12	847	9	3,473	9	324	9							
		18	16-20	1	1	290	3	1,518	4	115	3							
		23	More than 20	7	7	345	4	1,794	5	123	4							
			Total	109	100	9,231	100	37,804	100	3,488	100							

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]							
													Your first-year students compared with						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public		Carnegie Class		Small Peer	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
b. Between 6 and 10 pages	wrmednum	0	None	45	47	4,183	45	14,709	40	1,451	42							
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	37	28	2,982	32	12,303	32	1,225	35							
		4	3-5	17	14	1,236	13	6,134	16	513	14							
		8	6-10	3	6	507	6	2,949	8	184	6	2.1	2.0	.03	2.5	-.09	2.0	.03
		13	11-15	5	5	184	2	840	2	54	2							
		18	16-20	0	0	50	1	250	1	23	1							
		23	More than 20	0	0	62	1	394	1	23	1							
			Total	107	100	9,204	100	37,579	100	3,473	100							
c. 11 pages or more	wrlongnum	0	None	88	76	7,386	80	28,657	76	2,802	80							
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	10	12	1,103	12	4,987	13	404	12							
		4	3-5	5	3	299	3	1,572	4	121	4							
		8	6-10	3	6	192	2	1,079	3	79	2	1.2	.9	.10	1.3	-.01	.9	.10
		13	11-15	1	3	144	2	768	2	39	1							
		18	16-20	1	1	36	0	210	1	17	0							
		23	More than 20	0	0	53	1	354	1	18	1							
			Total	108	100	9,213	100	37,627	100	3,480	100							
Estimated number of assigned pages of student writing.	wrpages (Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)											54.9	47.4	.10	57.0	-.02	47.3	.10

8. During the current school year, about how often have you had discussions with people from the following groups?

				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
a. People of races or ethnicities other than your own	DDrace	1	Never	8	10	440	5	2,821	9	160	5							
		2	Sometimes	38	36	2,781	31	10,027	27	963	29							
		3	Often	28	23	3,229	35	12,171	32	1,221	35	2.8	2.9	-.14	2.9	-.12	2.9	-.19
		4	Very often	34	32	2,748	29	12,595	32	1,133	31							
			Total	108	100	9,198	100	37,614	100	3,477	100							
b. People from economic backgrounds other than your own	DDeconomic	1	Never	10	11	350	4	2,747	9	151	5							
		2	Sometimes	31	31	2,399	27	9,739	27	860	25							
		3	Often	29	23	3,686	40	13,542	35	1,344	39	2.8	2.9	-.16	2.9	-.05	3.0	-.18
		4	Very often	38	35	2,750	29	11,523	30	1,118	32							
			Total	108	100	9,185	100	37,551	100	3,473	100							

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]

Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
c. People with religious beliefs other than your own	DDreligion	1	Never	9	11	467	5	3,606	11	210	7							
		2	Sometimes	25	23	2,505	28	10,823	29	878	25							
		3	Often	36	32	3,412	37	12,203	32	1,261	37	2.9	2.9	-.02	2.8	.12	2.9	-.04
		4	Very often	38	34	2,798	30	10,887	28	1,124	31							
			Total	108	100	9,182	100	37,519	100	3,473	100							
d. People with political views other than your own	DDpolitical	1	Never	8	10	493	6	4,118	12	206	6							
		2	Sometimes	38	34	2,639	29	11,836	32	925	27							
		3	Often	28	25	3,340	36	11,810	31	1,283	37	2.8	2.9	-.14	2.7	.07	2.9	-.17
		4	Very often	34	31	2,704	29	9,735	25	1,057	30							
			Total	108	100	9,176	100	37,499	100	3,471	100							
e. People with sexual orientations other than your own	ddsexorient	1	Never	15	18	765	9	4,381	13	264	8							
		2	Sometimes	20	17	2,815	32	11,081	30	940	28							
		3	Often	40	35	2,942	31	11,208	29	1,156	33	2.8	2.8	-.01	2.7	.05	2.9	-.12
		4	Very often	33	30	2,650	28	10,795	28	1,109	31							
			Total	108	100	9,172	100	37,465	100	3,469	100							
f. People from countries other than your own	ddcountry	1	Never	15	24	972	11	5,733	16	313	9							
		2	Sometimes	49	39	3,995	43	14,596	39	1,470	43							
		3	Often	22	19	2,390	26	9,129	24	934	27	2.3	2.6 **	-.25	2.5	-.17	2.6 **	-.31
		4	Very often	22	18	1,828	20	8,049	21	753	21		▽				▼	
			Total	108	100	9,185	100	37,507	100	3,470	100							

9. During the current school year, about how often have you done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. Identified key information from reading assignments	LSreading	1	Never	2	1	270	3	898	3	105	3							
		2	Sometimes	35	33	2,650	30	8,953	24	982	29							
		3	Often	49	42	4,245	46	17,246	46	1,591	45	2.9	2.9	.04	3.0	-.13	2.9	.03
		4	Very often	21	24	1,955	21	10,147	28	774	22							
			Total	107	100	9,120	100	37,244	100	3,452	100							
b. Reviewed your notes after class	LSnotes	1	Never	3	2	487	6	1,657	5	183	6							
		2	Sometimes	36	34	2,810	32	10,325	28	1,070	32							
		3	Often	36	37	3,370	37	13,581	36	1,264	36	2.9	2.8	.08	2.9	-.03	2.8	.08
		4	Very often	32	27	2,460	26	11,656	31	940	26							
			Total	107	100	9,127	100	37,219	100	3,457	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 10

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]
Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	7	8	510	6	1,710	5	191	6							
		2	Sometimes	42	29	2,871	32	10,707	29	1,115	33							
		3	Often	35	35	3,755	41	14,908	40	1,362	39	2.8	2.8	.06	2.9	-.06	2.8	.06
		4	Very often	24	28	1,984	21	9,883	26	787	22							
			Total	108	100	9,120	100	37,208	100	3,455	100							

10. During the current school year, to what extent have your courses challenged you to do your best work?

	Variable name	Values	Response options	CM Count	%	PP Count	%	CC Count	%	SP Count	%	CM Mean	PP Mean	Effect size	CC Mean	Effect size	SP Mean	Effect size
	challenge	1	Not at all	1	1	46	1	330	1	22	1							
		2		0	0	100	1	490	1	45	2							
		3		5	5	450	5	1,772	5	191	6							
		4		10	13	1,234	14	4,848	13	468	14	5.4	5.3	.08	5.4	-.02	5.2	.12
		5		39	34	3,372	37	12,164	32	1,277	37							
		6		35	33	2,357	25	8,678	23	868	24							
		7	Very much	18	15	1,512	16	8,677	24	568	16							
			Total	108	100	9,071	100	36,959	100	3,439	100							

11. Which of the following have you done while in college or do you plan to do before you graduate?[f]

Item wording or description	Variable name	Response options	CM Count	%	PP Count	%	CC Count	%	SP Count	%	CM Mean	PP Mean	Effect size	CC Mean	Effect size	SP Mean	Effect size
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern *(Means indicate the percentage who responded "Done or in progress.")*	Have not decided	14	14	1,317	15	6,587	20	626	19							
		Do not plan to do	13	20	637	7	2,883	9	260	8							
		Plan to do	71	56	6,365	70	24,746	64	2,286	66	10%	8%	.07	7%	.10	8%	.10
		Done or in progress	9	10	730	8	2,636	7	256	8							
		Total	107	100	9,049	100	36,852	100	3,428	100							
b. Hold a formal leadership role in a student organization or group	leader *(Means indicate the percentage who responded "Done or in progress.")*	Have not decided	32	27	2,590	29	11,458	32	1,034	30							
		Do not plan to do	35	38	2,376	26	10,141	30	966	28							
		Plan to do	27	23	2,951	33	11,651	29	1,043	31	13%	12%	.02	9%	.12	11%	.05
		Done or in progress	12	13	1,117	12	3,455	9	373	11							
		Total	106	100	9,034	100	36,705	100	3,416	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom *(Means indicate the percentage who responded "Done or in progress.")*	Have not decided	48	40	2,903	32	13,504	38	1,182	35							
		Do not plan to do	26	31	2,680	30	9,678	28	990	30							
		Plan to do	24	22	2,135	24	9,992	26	805	23	8%	14%	-.20	9%	-.04	11%	-.13
		Done or in progress	9	8	1,278	14	3,410	9	429	11							
		Total	107	100	8,996	100	36,584	100	3,406	100							

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Statistical Comparisons[b]

Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
d. Participate in a study abroad program	abroad		Have not decided	32	25	2,778	30	11,658	32	1,087	31							
	(Means indicate		Do not plan to do	45	45	3,506	40	13,494	39	1,433	43							
	the percentage		Plan to do	24	28	2,538	27	10,560	26	816	24	2%	2%	.01	2%	-.01	2%	-.01
	who responded		Done or in progress	4	2	171	2	899	2	68	2							
	"Done or in progress.")		Total	105	100	8,993	100	36,611	100	3,404	100							
e. Work with a faculty member on a research project	research		Have not decided	38	31	3,508	39	14,974	41	1,366	40							
	(Means indicate		Do not plan to do	32	34	2,660	29	9,494	26	1,059	31							
	the percentage		Plan to do	30	29	2,348	27	10,350	27	815	25	7%	5%	.06	5%	.08	5%	.08
	who responded		Done or in progress	6	7	479	5	1,781	5	160	5							
	"Done or in progress.")		Total	106	100	8,995	100	36,599	100	3,400	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone		Have not decided	42	36	3,298	36	13,400	37	1,396	41							
	(Means indicate		Do not plan to do	19	25	1,237	14	4,569	13	489	14							
	the percentage		Plan to do	41	38	4,278	48	17,733	47	1,446	42	2%	2%	-.03	3%	-.06	2%	-.05
	who responded		Done or in progress	3	2	179	2	881	3	75	2							
	"Done or in progress.")		Total	105	100	8,992	100	36,583	100	3,406	100							

12. About how many of your courses at this institution have included a community-based project (service-learning)?

	servcourse	1	None	66	61	4,254	48	16,692	48	1,514	44							
		2	Some	31	31	3,898	43	15,496	41	1,568	47							
		3	Most	9	8	648	7	3,198	8	258	8	1.5	1.6 *	-.23	1.7 **	-.25	1.7 **	-.29
		4	All	0	0	123	1	869	3	46	1		▽		▽		▽	
			Total	106	100	8,923	100	36,255	100	3,386	100							

13. Indicate the quality of your interactions with the following people at your institution.

a. Students	QIstudent	1	Poor	1	3	113	2	794	2	51	2							
		2		1	1	155	2	847	2	67	2							
		3		8	6	403	5	1,781	5	151	5							
		4		12	7	1,105	12	4,544	12	465	14							
		5		30	22	2,533	28	9,366	25	952	28	5.3	5.4	-.04	5.3	.01	5.3	.00
		6		25	25	2,662	29	8,914	23	938	27							
		7	Excellent	19	18	1,875	21	8,237	23	722	21							
		—	Not applicable	10	18	102	1	1,871	7	46	2							
			Total	106	100	8,948	100	36,354	100	3,392	100							

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]

Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	Central Missouri %	Plains Public Count	Plains Public %	Carnegie Class Count	Carnegie Class %	Small Peer Count	Small Peer %	Central Missouri Mean	Plains Public Mean	Plains Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	Small Peer Mean	Small Peer Effect size[e]
b. Academic advisors	QIadvisor	1	Poor	2	2	170	2	960	3	58	2							
		2		2	3	277	3	1,209	3	104	3							
		3		7	7	529	6	2,260	6	209	6							
		4		2	2	1,042	11	4,196	11	430	12							
		5		22	19	1,824	21	6,763	18	685	21	5.6	5.5	.09	5.5	.09	5.5	.09
		6		22	18	2,172	24	7,736	21	788	23							
		7	Excellent	44	37	2,851	32	12,447	35	1,094	32							
		—	Not applicable	5	9	76	1	756	3	23	1							
			Total	106	100	8,941	100	36,327	100	3,391	100							
c. Faculty	QIfaculty	1	Poor	0	0	92	1	581	2	38	1							
		2		1	1	164	2	783	2	69	2							
		3		4	7	403	5	1,751	5	167	5							
		4		11	8	1,149	13	4,406	12	408	12							
		5		24	22	2,520	28	8,999	24	950	28	5.6	5.4	.17	5.5	.09	5.4	.17
		6		42	34	2,727	30	9,715	26	1,016	30							
		7	Excellent	21	22	1,783	20	9,418	27	698	21							
		—	Not applicable	3	7	100	1	659	2	44	1							
			Total	106	100	8,938	100	36,312	100	3,390	100							
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	1	1	216	3	1,167	3	90	3							
		2		1	1	250	3	1,214	3	98	3							
		3		5	3	503	6	2,095	5	187	6							
		4		12	11	1,188	13	4,322	11	424	13							
		5		21	15	2,059	23	7,092	18	757	22	5.6	5.2 *	.26	5.2 **	.23	5.2 *	.24
		6		28	27	2,165	24	7,271	19	770	23		△		△		△	
		7	Excellent	23	21	1,784	20	8,238	23	690	21							
		—	Not applicable	15	22	780	9	4,874	16	374	11							
			Total	106	100	8,945	100	36,273	100	3,390	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]

Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	Central Missouri %	Plains Public Count	Plains Public %	Carnegie Class Count	Carnegie Class %	Small Peer Count	Small Peer %	Central Missouri Mean	Plains Public Mean	Plains Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	Small Peer Mean	Small Peer Effect size[e]
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	3	3	195	2	1,067	3	77	2							
		2		1	1	254	3	1,246	3	101	3							
		3		9	7	544	6	2,319	6	197	6							
		4		12	10	1,253	14	4,729	13	466	14							
		5		18	16	2,083	23	7,486	20	789	23	5.4	5.2	.10	5.3	.06	5.3	.08
		6		22	19	2,144	24	7,604	20	806	23							
		7	Excellent	24	25	1,781	20	9,053	26	700	21							
		—	Not applicable	16	19	691	8	2,826	9	255	8							
			Total	105	100	8,945	100	36,330	100	3,391	100							

14. How much does your institution emphasize the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	Central Missouri %	Plains Public Count	Plains Public %	Carnegie Class Count	Carnegie Class %	Small Peer Count	Small Peer %	Central Missouri Mean	Plains Public Mean	Plains Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	Small Peer Mean	Small Peer Effect size[e]
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	1	1	136	2	702	2	60	2							
		2	Some	22	27	1,876	22	7,657	21	737	22							
		3	Quite a bit	55	51	4,507	50	17,189	47	1,722	51	2.9	3.0	-.11	3.0	-.14	3.0	-.07
		4	Very much	28	21	2,390	26	10,617	29	861	25							
			Total	106	100	8,909	100	36,165	100	3,380	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	2	3	334	4	1,842	6	140	4							
		2	Some	32	33	2,154	25	8,331	23	764	23							
		3	Quite a bit	41	38	4,172	47	14,939	40	1,584	47	2.9	2.9	-.07	3.0	-.11	2.9	-.09
		4	Very much	31	26	2,229	25	10,971	31	883	26							
			Total	106	100	8,889	100	36,083	100	3,371	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	8	15	597	7	2,639	8	231	7							
		2	Some	18	15	1,905	22	7,016	20	656	20							
		3	Quite a bit	47	47	3,650	41	13,410	37	1,344	40	2.8	2.9	-.17	3.0 * ▽	-.22	3.0 * ▽	-.21
		4	Very much	33	23	2,725	30	12,953	35	1,138	33							
			Total	106	100	8,877	100	36,018	100	3,369	100							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	15	18	969	12	4,196	13	294	9							
		2	Some	31	30	2,856	32	10,341	29	1,013	31							
		3	Quite a bit	42	39	3,280	37	12,655	34	1,288	38	2.5	2.6	-.17	2.7 * ▽	-.22	2.7 ** ▽	-.28
		4	Very much	18	13	1,757	19	8,788	24	772	22							
			Total	106	100	8,862	100	35,980	100	3,367	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 14

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]

Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
e. Providing opportunities to be involved socially	SEsocial	1	Very little	5	11	435	5	2,778	9	183	5							
		2	Some	30	29	2,145	25	9,012	26	794	24							
		3	Quite a bit	43	38	3,888	44	14,051	38	1,451	44	2.7	2.9 *	-.22	2.8	-.11	2.9 *	-.24
		4	Very much	28	22	2,383	26	10,074	27	932	27		▽				▽	
			Total	106	100	8,851	100	35,915	100	3,360	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	5	8	531	6	3,058	9	166	5							
		2	Some	29	31	2,321	27	9,443	27	849	26							
		3	Quite a bit	43	34	3,794	43	13,637	37	1,442	43	2.8	2.8	-.08	2.8	-.03	2.9	-.14
		4	Very much	29	26	2,203	24	9,742	26	901	26							
			Total	106	100	8,849	100	35,880	100	3,358	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	27	23	2,111	24	8,018	23	769	23							
		2	Some	41	41	3,480	39	12,798	35	1,295	39							
		3	Quite a bit	27	29	2,292	26	9,744	27	893	27	2.2	2.2	-.04	2.3	-.14	2.3	-.07
		4	Very much	11	7	947	11	5,274	15	396	11							
			Total	106	100	8,830	100	35,834	100	3,353	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	7	13	603	7	5,317	18	249	7							
		2	Some	35	28	2,421	28	9,254	26	930	28							
		3	Quite a bit	35	36	3,730	42	12,773	34	1,370	41	2.7	2.8	-.15	2.6	.08	2.8	-.16
		4	Very much	29	22	2,082	23	8,429	22	797	23							
			Total	106	100	8,836	100	35,773	100	3,346	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	22	22	1,576	18	7,377	23	544	17							
		2	Some	42	41	3,491	40	12,197	34	1,292	39							
		3	Quite a bit	27	26	2,649	30	10,589	28	1,051	31	2.3	2.4	-.11	2.3	-.09	2.4	-.17
		4	Very much	15	11	1,111	12	5,616	15	464	13							
			Total	106	100	8,827	100	35,779	100	3,351	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 15

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]
Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
15. To what extent do you agree or disagree with the following statements?																		
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	1	1	132	2	820	2	60	2	3.2	3.2	.02	3.2	-.01	3.2	.03
		2	Disagree	9	9	665	8	2,927	8	249	8							
		3	Agree	64	59	5,216	59	19,806	54	1,947	58							
		4	Strongly agree	32	32	2,806	32	12,205	35	1,085	32							
			Total	106	100	8,819	100	35,758	100	3,341	100							
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	2	1	311	4	1,259	4	102	3	3.0	2.9	.08	3.0	-.05	2.9	.07
		2	Disagree	16	16	1,516	18	5,612	15	578	19							
		3	Agree	69	66	5,358	60	20,379	56	2,009	59							
		4	Strongly agree	19	16	1,623	18	8,467	25	648	19							
			Total	106	100	8,808	100	35,717	100	3,337	100							
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	1	1	301	4	1,474	5	127	4	2.9	2.9	-.11	3.0	-.13	2.9	-.08
		2	Disagree	25	25	1,576	18	6,222	18	634	19							
		3	Agree	62	60	5,093	58	19,478	54	1,875	56							
		4	Strongly agree	18	14	1,841	21	8,562	24	709	20							
			Total	106	100	8,811	100	35,736	100	3,345	100							
16. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs *(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	2	1	33	0	190	1	14	0	11.9	14.6 *** ▼	-.34	14.3 ** ▽	-.30	13.2	-.18
		3	1-5 hrs	19	24	939	11	4,765	14	467	14							
		8	6-10 hrs	27	24	2,036	23	8,179	23	866	26							
		13	11-15 hrs	23	18	2,135	24	7,945	22	843	26							
		18	16-20 hrs	17	19	1,757	20	7,021	20	570	17							
		23	21-25 hrs	8	7	1,011	11	3,896	11	320	9							
		28	26-30 hrs	5	4	492	6	1,857	5	136	4							
		33	More than 30 hrs	4	2	398	4	1,788	5	119	3							
			Total	105	100	8,801	100	35,641	100	3,335	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 16

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]
Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs *(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	44	50	2,682	30	14,699	46	1,216	36							
		3	1-5 hrs	33	27	3,046	34	9,913	26	1,068	32							
		8	6-10 hrs	11	9	1,440	17	4,502	12	487	15							
		13	11-15 hrs	5	3	785	9	2,804	7	271	9							
		18	16-20 hrs	6	7	433	5	1,825	5	150	4	4.1	5.7 * ▽	-.23	4.8	-.09	5.2	-.16
		23	21-25 hrs	4	2	223	3	906	2	76	2							
		28	26-30 hrs	2	1	76	1	383	1	23	1							
		33	More than 30 hrs	0	0	94	1	524	1	36	1							
			Total	105	100	8,779	100	35,556	100	3,327	100							
c. Working for pay **on campus**	tmworkonhrs *(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	77	75	6,720	76	28,737	83	2,634	78							
		3	1-5 hrs	1	2	325	4	1,341	3	124	4							
		8	6-10 hrs	6	3	631	7	2,070	5	221	7							
		13	11-15 hrs	8	4	587	7	1,503	4	175	5							
		18	16-20 hrs	8	7	376	5	1,183	3	139	5	4.2	2.8	.23	2.2 * ▲	.36	2.5 * △	.28
		23	21-25 hrs	3	5	90	1	385	1	23	1							
		28	26-30 hrs	0	0	30	0	155	0	5	0							
		33	More than 30 hrs	2	3	32	0	182	1	12	0							
			Total	105	100	8,791	100	35,556	100	3,333	100							
d. Working for pay **off campus**	tmworkoffhrs *(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	60	54	5,154	60	20,408	55	1,629	51							
		3	1-5 hrs	4	5	445	5	1,780	5	172	5							
		8	6-10 hrs	5	3	567	6	2,158	6	237	7							
		13	11-15 hrs	9	10	666	7	2,243	6	303	9							
		18	16-20 hrs	11	11	778	8	2,461	7	368	10	8.9	6.7	.22	9.1	-.01	8.6	.03
		23	21-25 hrs	4	2	507	5	1,929	5	289	8							
		28	26-30 hrs	2	1	315	3	1,231	4	176	5							
		33	More than 30 hrs	9	13	354	4	3,380	13	157	5							
			Total	104	100	8,786	100	35,590	100	3,331	100							
Estimated number of hours working for pay	tmworkhrs *(Continuous variable created by NSSE)*											13.2	9.6 * ▲	.32	11.2	.14	11.1	.18

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 17

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]

Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	Central Missouri %	Plains Public Count	Plains Public %	Carnegie Class Count	Carnegie Class %	Small Peer Count	Small Peer %	Central Missouri Mean	Plains Public Mean	Plains Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	Small Peer Mean	Small Peer Effect size[e]
e. Doing community service or volunteer work	tmservicehrs *(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	66	48	5,553	63	23,167	65	1,992	60							
		3	1-5 hrs	25	34	2,395	27	8,332	23	981	29							
		8	6-10 hrs	4	7	443	5	2,036	6	180	5							
		13	11-15 hrs	2	3	189	2	956	3	95	3							
		18	16-20 hrs	4	5	107	1	538	2	44	1	3.5	2.1 * ▲	.33	2.3 * △	.26	2.3 * △	.28
		23	21-25 hrs	2	3	51	1	255	1	19	1							
		28	26-30 hrs	0	0	17	0	100	0	5	0							
		33	More than 30 hrs	1	1	26	0	191	1	11	0							
			Total	104	100	8,781	100	35,575	100	3,327	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs *(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	2	1	125	2	1,083	3	46	1							
		3	1-5 hrs	21	20	1,483	16	8,347	24	624	18							
		8	6-10 hrs	25	30	2,376	26	9,538	26	945	27							
		13	11-15 hrs	24	23	1,980	22	6,834	19	701	21							
		18	16-20 hrs	13	14	1,403	17	4,655	13	480	15	11.6	13.1	-.18	11.7	-.01	13.0	-.16
		23	21-25 hrs	10	8	629	7	2,143	6	232	7							
		28	26-30 hrs	3	2	290	3	1,025	3	98	3							
		33	More than 30 hrs	5	3	504	6	1,959	6	209	7							
			Total	103	100	8,790	100	35,584	100	3,335	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs *(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	78	64	7,142	81	23,926	64	2,606	78							
		3	1-5 hrs	7	9	740	8	4,219	12	355	10							
		8	6-10 hrs	3	4	304	4	2,049	6	134	4							
		13	11-15 hrs	4	4	214	3	1,353	4	101	3							
		18	16-20 hrs	5	10	119	1	840	3	44	1	5.7	2.0 *** ▲	.60	5.3	.04	2.2 *** ▲	.56
		23	21-25 hrs	1	1	75	1	494	2	28	1							
		28	26-30 hrs	0	0	30	0	300	1	9	0							
		33	More than 30 hrs	6	8	146	2	2,348	8	57	2							
			Total	104	100	8,770	100	35,529	100	3,334	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 18

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]

Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	Central Missouri %	Plains Public Count	Plains Public %	Carnegie Class Count	Carnegie Class %	Small Peer Count	Small Peer %	Central Missouri Mean	Plains Public Mean	Plains Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	Small Peer Mean	Small Peer Effect size[e]
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs *(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	43	49	3,056	35	16,079	45	1,017	31							
		3	1-5 hrs	35	29	4,138	47	11,647	33	1,647	49							
		8	6-10 hrs	13	11	896	10	4,102	12	408	12							
		13	11-15 hrs	7	6	342	4	1,738	5	126	4							
		18	16-20 hrs	3	2	157	2	871	2	62	2	3.7	3.7	-.01	3.9	-.04	3.9	-.05
		23	21-25 hrs	1	2	86	1	441	1	27	1							
		28	26-30 hrs	1	1	35	0	204	1	15	0							
		33	More than 30 hrs	1	1	63	1	503	1	31	1							
			Total	104	100	8,773	100	35,585	100	3,333	100							

17. Of the time you spend preparing for class in a typical 7-day week, about how much is on *assigned reading?*

	Variable name	Values	Response options	CM Count	CM %	PP Count	PP %	CC Count	CC %	SP Count	SP %	CM Mean	PP Mean	PP Effect	CC Mean	CC Effect	SP Mean	SP Effect
	reading	1	Very little	20	15	1,661	20	4,609	13	574	18							
		2	Some	42	42	3,484	40	12,312	34	1,293	39							
		3	About half	19	19	2,115	24	9,959	28	835	25	2.6	2.4	.14	2.7	-.16	2.5	.07
		4	Most	17	21	1,114	12	6,122	18	465	14							
		5	Almost all	6	3	366	4	2,464	7	154	4							
			Total	104	100	8,740	100	35,466	100	3,321	100							
	tmreadinghrs *(Continuous variable created by NSSE. Calculated as a proportion of* tmprephrs *based on* reading*, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)*												4.9	5.5	-.13	6.6 *** ▽	-.29	5.4	-.10
	tmreadinghrscol *(Collapsed version of tmreadinghrs created by NSSE.)*	1	0 hrs	2	1	32	0	187	1	13	0							
		2	More than zero, up to 5 hrs	63	61	5,173	60	18,691	52	2,013	61							
		3	More than 5, up to 10 hrs	28	29	2,298	26	9,643	27	820	25							
		4	More than 10, up to 15 hrs	5	5	655	7	3,400	10	252	7							
		5	More than 15, up to 20 hrs	2	1	322	4	1,744	5	116	3							
		6	More than 20, up to 25 hrs	3	2	172	2	1,076	3	72	2							
		7	More than 25 hrs	1	1	64	1	567	2	23	1							
			Total	104	100	8,716	100	35,308	100	3,309	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

				Frequency Distributions[a]								Central Missouri	Statistical Comparisons[b]					
													Your first-year students compared with					
				Central Missouri		Plains Public		Carnegie Class		Small Peer			Plains Public		Carnegie Class		Small Peer	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	12	12	714	8	1,988	6	219	7							
		2	Some	27	26	2,739	31	8,943	25	990	30							
		3	Quite a bit	45	41	3,755	43	15,690	44	1,476	45	2.7	2.7	.04	2.9	-.18	2.8	-.03
		4	Very much	20	22	1,548	17	8,835	25	643	19							
			Total	104	100	8,756	100	35,456	100	3,328	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	14	14	980	12	3,021	9	266	8							
		2	Some	28	21	2,879	33	10,018	28	1,037	31							
		3	Quite a bit	42	40	3,358	38	14,144	39	1,347	40	2.8	2.6	.18	2.8	.01	2.7	.06
		4	Very much	20	25	1,518	17	8,214	23	672	20							
			Total	104	100	8,735	100	35,397	100	3,322	100							
c. Thinking critically and analytically	pgthink	1	Very little	3	4	244	3	1,010	3	75	2							
		2	Some	23	18	1,809	21	6,704	19	698	21							
		3	Quite a bit	47	45	4,197	48	15,961	44	1,586	48	3.1	3.0	.07	3.1	-.01	3.0	.06
		4	Very much	31	33	2,493	28	11,724	34	965	28							
			Total	104	100	8,743	100	35,399	100	3,324	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	16	14	976	10	4,155	11	426	12							
		2	Some	35	31	2,809	31	10,881	30	1,164	35							
		3	Quite a bit	33	31	3,255	38	12,733	36	1,167	36	2.6	2.7	-.03	2.7	-.05	2.6	.09
		4	Very much	20	24	1,702	20	7,631	23	565	17							
			Total	104	100	8,742	100	35,400	100	3,322	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	12	11	968	11	4,288	13	446	14							
		2	Some	28	25	2,940	33	10,765	30	1,116	34							
		3	Quite a bit	34	30	3,227	37	12,350	34	1,184	36	2.9	2.6 **	.26	2.7 *	.19	2.6 **	.32
		4	Very much	30	34	1,609	19	7,993	23	576	17		△		△		▲	
			Total	104	100	8,744	100	35,396	100	3,322	100							
f. Working effectively with others	pgothers	1	Very little	8	7	569	7	2,630	9	207	7							
		2	Some	38	37	2,553	30	9,355	27	958	29							
		3	Quite a bit	33	29	3,735	42	14,317	39	1,436	43	2.8	2.8	-.01	2.8	-.04	2.8	-.03
		4	Very much	25	27	1,889	21	9,079	25	724	21							
			Total	104	100	8,746	100	35,381	100	3,325	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 20

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

First-Year Students

Frequency Distributions[a]

Statistical Comparisons[b]
Your first-year students compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	11	8	1,027	12	3,446	11	355	11							
		2	Some	31	28	2,823	32	9,973	28	1,034	31							
		3	Quite a bit	39	37	3,350	38	13,734	38	1,307	40	2.8	2.6 * △	.24	2.7	.10	2.7	.18
		4	Very much	23	27	1,540	17	8,205	23	631	18							
			Total	104	100	8,740	100	35,358	100	3,327	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	11	9	765	9	2,831	9	208	7							
		2	Some	33	29	2,697	31	9,095	26	943	28							
		3	Quite a bit	35	37	3,419	39	13,725	38	1,370	42	2.8	2.7	.09	2.8	-.03	2.8	-.03
		4	Very much	25	26	1,859	21	9,718	27	804	24							
			Total	104	100	8,740	100	35,369	100	3,325	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	14	13	931	11	3,672	11	362	11							
		2	Some	43	40	3,088	35	11,236	32	1,187	36							
		3	Quite a bit	33	31	3,193	37	12,929	36	1,206	36	2.5	2.6	-.12	2.7 * ▽	-.19	2.6	-.09
		4	Very much	14	16	1,535	17	7,565	21	570	17							
			Total	104	100	8,747	100	35,402	100	3,325	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	12	11	1,083	13	3,933	12	361	11							
		2	Some	40	34	3,100	35	11,216	32	1,119	34							
		3	Quite a bit	31	30	3,074	35	12,610	34	1,239	37	2.7	2.6	.15	2.7	.04	2.6	.08
		4	Very much	21	25	1,495	17	7,728	22	611	18							
			Total	104	100	8,752	100	35,487	100	3,330	100							

19. How would you evaluate your entire educational experience at this institution?

	Variable name	Values	Response options	CM Count	%	PP Count	%	CC Count	%	SP Count	%	CM Mean	PP Mean	Effect size	CC Mean	Effect size	SP Mean	Effect size
	evalexp	1	Poor	3	4	138	2	820	2	54	2							
		2	Fair	13	11	1,342	16	5,757	16	524	16							
		3	Good	63	56	4,969	56	18,186	50	1,898	57	3.1	3.1	.04	3.1	-.01	3.0	.07
		4	Excellent	24	29	2,324	26	10,798	32	860	25							
			Total	103	100	8,773	100	35,561	100	3,336	100							

20. If you could start over again, would you go to the *same institution* you are now attending?

	Variable name	Values	Response options	CM Count	%	PP Count	%	CC Count	%	SP Count	%	CM Mean	PP Mean	Effect size	CC Mean	Effect size	SP Mean	Effect size
	sameinst	1	Definitely no	2	4	243	3	1,379	4	117	4							
		2	Probably no	11	11	1,077	12	4,937	13	408	13							
		3	Probably yes	48	44	4,347	50	15,961	44	1,608	49	3.2	3.2	.09	3.2	.07	3.2	.11
		4	Definitely yes	42	42	3,137	35	13,475	39	1,212	35							
			Total	103	100	8,804	100	35,752	100	3,345	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]						
													Your first-year students compared with					
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public		Carnegie Class		Small Peer	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
21. Do you intend to return to this institution next year?[f]																		
	returnexp		No	4	8	335	4	1,549	4	123	4	**84%**	90%	-.17	87%	-.09	90%	-.16
(Means indicate the percentage who responded "Yes.")			Yes	94	84	7,958	90	31,375	87	3,022	90							
			Not sure	5	8	508	6	2,900	8	209	7							
			Total	103	100	8,801	100	35,824	100	3,354	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 22

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
1. During the current school year, about how often have you done the following?																		
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	5	2	352	3	2,232	4	80	2							
		2	Sometimes	67	23	3,433	28	15,085	27	1,062	25							
		3	Often	91	32	4,209	34	18,486	31	1,486	35	3.2	3.0 ** △	.19	3.0 ** △	.16	3.1	.09
		4	Very often	131	44	4,416	35	22,565	38	1,653	39							
			Total	294	100	12,410	100	58,368	100	4,281	100							
b. Asked another student to help you understand course material	CLaskhelp	1	Never	48	18	1,909	16	12,018	23	713	17							
		2	Sometimes	107	36	5,006	41	23,181	40	1,750	41							
		3	Often	72	24	3,390	27	13,750	22	1,145	26	2.5	2.4	.07	2.3 *** △	.20	2.4	.11
		4	Very often	67	22	2,068	16	9,261	15	658	15							
			Total	294	100	12,373	100	58,210	100	4,266	100							
c. Explained course material to one or more students	CLexplain	1	Never	22	8	1,224	10	8,340	16	455	11							
		2	Sometimes	94	32	4,618	38	21,253	37	1,609	38							
		3	Often	95	32	4,160	33	17,347	29	1,389	32	2.8	2.6 *** △	.20	2.5 *** ▲	.31	2.6 *** △	.21
		4	Very often	81	27	2,372	19	11,228	18	808	19							
			Total	292	100	12,374	100	58,168	100	4,261	100							
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	62	22	3,046	26	16,045	30	1,147	27							
		2	Sometimes	111	38	4,270	34	19,483	33	1,457	35							
		3	Often	64	21	3,074	25	13,232	22	1,028	24	2.4	2.3	.05	2.2 * △	.14	2.3	.10
		4	Very often	53	18	1,928	15	9,087	15	621	14							
			Total	290	100	12,318	100	57,847	100	4,253	100							
e. Worked with other students on course projects or assignments	CLproject	1	Never	20	7	1,023	9	8,791	18	400	9							
		2	Sometimes	88	31	3,569	29	16,405	28	1,360	33							
		3	Often	94	32	4,369	35	17,989	30	1,455	34	2.8	2.8	.05	2.6 *** △	.24	2.7 * △	.14
		4	Very often	88	30	3,322	26	14,443	24	1,031	24							
			Total	290	100	12,283	100	57,628	100	4,246	100							
f. Given a course presentation	present	1	Never	35	12	1,632	14	9,005	17	560	13							
		2	Sometimes	102	35	4,889	40	19,807	35	1,710	40							
		3	Often	86	31	3,551	29	16,615	28	1,233	29	2.6	2.5 * △	.14	2.5	.11	2.5	.12
		4	Very often	64	22	2,184	17	12,097	20	735	17							
			Total	287	100	12,256	100	57,524	100	4,238	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 23

Seniors

Frequency Distributions[a] — **Statistical Comparisons**[b]

Your seniors compared with

Item wording or description	Variable name [c]	Values [d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	Small Peer Mean	Effect size [e]
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	14	5	464	4	2,863	5	157	4							
		2	Sometimes	58	21	3,160	26	15,299	28	1,044	25							
		3	Often	102	35	5,112	42	22,155	38	1,763	42	3.1	2.9 *	.16	2.9 **	.19	3.0	.12
		4	Very often	113	38	3,425	28	16,659	29	1,244	29		△		△			
			Total	287	100	12,161	100	56,976	100	4,208	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	13	5	915	8	3,981	8	279	7							
		2	Sometimes	79	28	3,901	33	16,465	30	1,206	29							
		3	Often	98	35	4,481	37	20,307	35	1,577	37	2.9	2.7 ***	.24	2.8 *	.15	2.8 *	.13
		4	Very often	97	32	2,832	23	15,912	27	1,142	27		△		△		△	
			Total	287	100	12,129	100	56,665	100	4,204	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	28	10	1,575	14	6,507	13	444	11							
		2	Sometimes	83	31	4,128	34	17,352	32	1,292	32							
		3	Often	84	30	3,720	30	18,093	31	1,387	33	2.8	2.6 ***	.20	2.7	.11	2.7	.08
		4	Very often	88	29	2,631	21	14,409	24	1,058	24		△					
			Total	283	100	12,054	100	56,361	100	4,181	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	11	4	633	6	2,713	5	188	5							
		2	Sometimes	75	27	3,476	29	14,997	27	1,067	26							
		3	Often	106	37	5,316	44	23,806	42	1,891	45	2.9	2.8 **	.17	2.9	.08	2.9	.08
		4	Very often	90	31	2,556	21	14,392	25	1,014	24		△					
			Total	282	100	11,981	100	55,908	100	4,160	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	7	2	398	4	1,789	4	98	3							
		2	Sometimes	68	26	2,928	25	12,422	23	876	22							
		3	Often	104	37	5,466	45	24,331	43	1,918	46	3.1	2.9 *	.15	3.0	.07	3.0	.04
		4	Very often	103	35	3,062	25	16,748	30	1,222	29		△					
			Total	282	100	11,854	100	55,290	100	4,114	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	10	4	261	2	1,328	3	71	2							
		2	Sometimes	57	21	3,236	28	13,801	26	1,032	26							
		3	Often	113	41	5,291	45	23,369	42	1,839	45	3.1	2.9 **	.18	3.0	.10	3.0	.10
		4	Very often	97	34	2,961	25	16,115	29	1,144	27		△					
			Total	277	100	11,749	100	54,613	100	4,086	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

Seniors

Item wording or description	Variable name[c]	Values[d]	Response options	Frequency Distributions[a] Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Statistical Comparisons[b] Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	0	124	1	638	1	28	1							
		2	Sometimes	33	12	1,729	15	7,823	15	538	14							
		3	Often	116	42	5,576	47	24,082	44	1,890	47	3.3	3.2 ** △	.20	3.2 * △	.14	3.2	.12
		4	Very often	125	45	4,223	36	21,633	39	1,599	39							
			Total	275	100	11,652	100	54,176	100	4,055	100							

3. During the current school year, about how often have you done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. Talked about career plans with a faculty member	SFcareer	1	Never	24	8	1,902	17	9,592	19	594	15							
		2	Sometimes	93	34	4,619	40	20,318	38	1,540	38							
		3	Often	76	27	2,906	24	13,208	23	1,069	26	2.8	2.4 *** ▲	.36	2.4 *** ▲	.36	2.5 *** △	.26
		4	Very often	84	30	2,228	19	11,020	19	857	21							
			Total	277	100	11,655	100	54,138	100	4,060	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	79	28	4,639	41	24,061	47	1,608	40							
		2	Sometimes	92	34	3,608	31	15,208	27	1,247	31							
		3	Often	56	20	1,933	16	8,029	14	670	17	2.3	2.0 *** △	.28	1.9 *** ▲	.36	2.0 *** △	.25
		4	Very often	47	18	1,426	12	6,624	12	521	13							
			Total	274	100	11,606	100	53,922	100	4,046	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	51	19	3,173	28	16,749	33	1,087	27							
		2	Sometimes	99	36	4,723	41	19,621	36	1,637	41							
		3	Often	62	22	2,357	20	10,502	19	815	20	2.5	2.1 *** ▲	.37	2.1 *** ▲	.40	2.2 *** ▲	.33
		4	Very often	61	23	1,272	11	6,633	12	488	12							
			Total	273	100	11,525	100	53,505	100	4,027	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	48	17	2,776	24	11,963	24	901	22							
		2	Sometimes	101	37	5,054	44	22,059	41	1,780	45							
		3	Often	66	24	2,477	21	12,250	22	896	22	2.5	2.2 *** ▲	.35	2.2 *** △	.27	2.2 *** ▲	.31
		4	Very often	58	22	1,227	11	7,216	13	444	11							
			Total	273	100	11,534	100	53,488	100	4,021	100							

4. During the current school year, how much has your coursework emphasized the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. Memorizing course material	memorize	1	Very little	12	4	880	8	4,265	8	311	8							
		2	Some	74	27	3,740	33	16,340	31	1,288	33							
		3	Quite a bit	105	39	4,457	39	20,702	38	1,545	39	2.9	2.7 *** △	.24	2.7 *** △	.22	2.7 *** △	.24
		4	Very much	82	29	2,397	21	11,842	22	855	21							
			Total	273	100	11,474	100	53,149	100	3,999	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	3	1	298	3	1,535	3	101	3							
		2	Some	54	21	2,355	21	10,284	20	833	22							
		3	Quite a bit	106	40	5,311	46	23,276	44	1,850	46	3.1	3.0 *	.13	3.1	.10	3.0 *	.15
		4	Very much	106	38	3,482	31	17,826	33	1,210	30		△				△	
			Total	269	100	11,446	100	52,921	100	3,994	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	8	3	417	4	1,730	3	124	3							
		2	Some	49	19	2,593	23	10,884	21	922	24							
		3	Quite a bit	111	41	5,058	44	22,401	43	1,712	43	3.1	3.0 *	.15	3.0	.07	3.0 *	.13
		4	Very much	100	36	3,288	29	17,376	33	1,210	30		△				△	
			Total	268	100	11,356	100	52,391	100	3,968	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	12	5	597	6	2,093	4	160	4							
		2	Some	57	22	2,961	27	11,168	22	952	25							
		3	Quite a bit	103	39	4,893	42	22,377	43	1,724	43	3.0	2.9 **	.19	3.0	.04	3.0	.10
		4	Very much	96	35	2,877	25	16,518	31	1,119	28		△					
			Total	268	100	11,328	100	52,156	100	3,955	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	7	3	424	4	1,717	4	131	3							
		2	Some	51	20	2,709	24	10,988	22	897	24							
		3	Quite a bit	124	47	5,180	45	23,211	44	1,835	46	3.0	2.9 *	.14	3.0	.04	3.0	.10
		4	Very much	85	30	2,963	26	16,009	30	1,081	27		△					
			Total	267	100	11,276	100	51,925	100	3,944	100							

5. During the current school year, to what extent have your instructors done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. Clearly explained course goals and requirements	ETgoals	1	Very little	1	0	249	2	1,344	3	75	2							
		2	Some	50	19	2,099	19	9,148	18	649	17							
		3	Quite a bit	86	33	5,137	46	21,177	41	1,774	46	3.3	3.1 ***	.24	3.2 **	.16	3.1 **	.18
		4	Very much	131	48	3,750	33	19,972	39	1,433	36		△		△		△	
			Total	268	100	11,235	100	51,641	100	3,931	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	5	2	413	4	2,550	5	130	3							
		2	Some	51	20	2,214	20	10,034	20	746	19							
		3	Quite a bit	114	41	5,161	46	20,824	40	1,774	45	3.1	3.0	.12	3.1	.08	3.1	.08
		4	Very much	98	37	3,415	31	18,084	35	1,265	32							
			Total	268	100	11,203	100	51,492	100	3,915	100							

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	6	2	343	3	2,207	5	122	3							
		2	Some	38	14	2,303	21	10,218	20	798	21							
		3	Quite a bit	109	42	4,776	43	19,938	38	1,628	42	3.2	3.1 ***	.21	3.1 **	.18	3.1 **	.20
		4	Very much	114	42	3,762	33	19,065	37	1,363	34		△		△		△	
			Total	267	100	11,184	100	51,428	100	3,911	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	13	5	1,016	9	4,407	9	311	8							
		2	Some	64	24	3,195	29	13,166	26	1,045	27							
		3	Quite a bit	91	35	4,047	36	17,366	33	1,421	36	3.0	2.8 ***	.25	2.9 *	.15	2.8 **	.18
		4	Very much	98	36	2,910	26	16,375	31	1,134	28		△		△		△	
			Total	266	100	11,168	100	51,314	100	3,911	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	15	6	826	8	3,853	8	278	7							
		2	Some	57	22	3,304	30	13,320	26	1,060	27							
		3	Quite a bit	98	37	4,369	39	18,739	36	1,535	39	3.0	2.8 ***	.26	2.9 **	.16	2.8 **	.20
		4	Very much	96	36	2,640	24	15,209	30	1,029	26		△		△		△	
			Total	266	100	11,139	100	51,121	100	3,902	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	7	3	413	4	1,937	4	129	3							
		2	Some	48	19	2,436	22	9,925	19	768	20							
		3	Quite a bit	109	42	4,875	44	20,023	39	1,695	43	3.1	3.0 *	.15	3.1	.03	3.1	.08
		4	Very much	101	37	3,384	30	19,007	37	1,302	33		△					
			Total	265	100	11,108	100	50,892	100	3,894	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	5	2	321	3	1,827	4	111	3							
		2	Some	47	18	2,379	22	9,989	20	757	20							
		3	Quite a bit	109	41	5,201	47	21,230	41	1,827	47	3.2	3.0 **	.21	3.1 *	.12	3.0 *	.16
		4	Very much	104	39	3,182	29	17,686	35	1,194	30		△		△		△	
			Total	265	100	11,083	100	50,732	100	3,889	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	14	5	846	8	3,957	8	271	7							
		2	Some	75	29	3,482	31	14,515	28	1,166	30							
		3	Quite a bit	103	39	4,556	41	19,330	38	1,593	41	2.9	2.7 **	.16	2.8	.07	2.8	.11
		4	Very much	73	27	2,196	20	12,883	25	855	22		△					
			Total	265	100	11,080	100	50,685	100	3,885	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 27

NSSE national survey of student engagement

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	7	3	259	2	1,710	4	92	3							
		2	Some	31	12	1,852	17	8,488	17	634	16							
		3	Quite a bit	107	41	5,048	46	20,755	41	1,752	45	3.3	3.1 ** △	.17	3.1 * △	.15	3.1 * △	.16
		4	Very much	121	44	3,905	35	19,684	38	1,405	36							
			Total	266	100	11,064	100	50,637	100	3,883	100							

6. During the current school year, about how often have you done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	18	6	1,103	10	5,232	10	415	10							
		2	Sometimes	109	41	3,982	35	17,002	33	1,449	37							
		3	Often	87	34	3,857	36	17,519	35	1,293	34	2.7	2.6	.01	2.7	-.02	2.6	.06
		4	Very often	50	19	2,027	19	10,228	21	699	18							
			Total	264	100	10,969	100	49,981	100	3,856	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	39	15	1,867	17	7,787	16	624	16							
		2	Sometimes	87	34	4,143	37	17,976	36	1,504	39							
		3	Often	72	27	3,251	30	15,230	31	1,150	30	2.6	2.4 * △	.17	2.5	.11	2.4 ** △	.18
		4	Very often	64	24	1,667	16	8,806	18	574	15							
			Total	262	100	10,928	100	49,799	100	3,852	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	43	17	1,693	15	8,051	16	606	16							
		2	Sometimes	88	33	4,293	39	18,615	37	1,522	39							
		3	Often	77	30	3,430	32	15,093	31	1,186	31	2.5	2.4	.11	2.5	.09	2.4	.12
		4	Very often	54	21	1,483	14	7,822	16	525	14							
			Total	262	100	10,899	100	49,581	100	3,839	100							

7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. Up to 5 pages *(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)*	wrshortnum	0	None	18	7	889	8	3,221	7	308	8							
		1.5	1-2	64	25	2,360	21	8,476	17	842	22							
		4	3-5	81	31	3,129	29	14,474	29	1,115	29							
		8	6-10	48	18	2,162	20	11,035	23	770	20	6.5	6.8	-.06	7.6 ** ▽	-.17	6.8	-.05
		13	11-15	22	9	1,081	10	5,293	11	345	9							
		18	16-20	10	4	495	4	2,680	5	173	5							
		23	More than 20	19	7	763	7	4,261	9	278	7							
			Total	262	100	10,879	100	49,440	100	3,831	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 28

Seniors

Frequency Distributions[a] | Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
b. Between 6 and 10 pages	wrmednum *(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)*	0	None	92	36	3,401	31	11,954	24	1,230	32							
		1.5	1-2	85	32	3,718	34	15,588	31	1,294	34							
		4	3-5	42	16	2,178	20	11,627	24	732	20							
		8	6-10	24	9	946	9	6,126	13	346	9	2.9	3.0	-.01	3.8 ** ▽	-.19	2.9	-.01
		13	11-15	14	6	348	3	2,158	4	120	3							
		18	16-20	2	1	105	1	799	2	40	1							
		23	More than 20	3	1	138	1	973	2	53	1							
			Total	262	100	10,834	100	49,225	100	3,815	100							
c. 11 pages or more	wrlongnum *(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)*	0	None	174	67	6,118	56	24,453	49	2,207	58							
		1.5	1-2	50	18	3,175	29	15,080	31	1,078	28							
		4	3-5	21	8	880	8	5,105	10	312	8							
		8	6-10	8	3	340	3	2,207	5	116	3	1.3	1.6	-.09	2.1 *** ▽	-.20	1.5	-.07
		13	11-15	5	2	182	2	1,267	3	56	1							
		18	16-20	2	1	65	1	439	1	20	0							
		23	More than 20	1	0	107	1	784	2	39	1							
			Total	261	100	10,867	100	49,335	100	3,828	100							
Estimated number of assigned pages of student writing.	wrpages *(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)*											62.3	67.8	-.06	84.4 *** ▽	-.21	66.4	-.05

8. During the current school year, about how often have you had discussions with people from the following groups?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. People of races or ethnicities other than your own	DDrace	1	Never	15	7	610	6	3,431	8	196	6							
		2	Sometimes	71	28	3,496	32	12,356	25	1,186	32							
		3	Often	86	34	3,525	32	15,187	30	1,259	33	2.9	2.9	.06	3.0	-.05	2.9	.05
		4	Very often	89	32	3,230	30	18,347	37	1,183	30							
			Total	261	100	10,861	100	49,321	100	3,824	100							
b. People from economic backgrounds other than your own	DDeconomic	1	Never	9	4	507	5	3,188	7	157	4							
		2	Sometimes	62	24	2,994	28	12,421	26	995	27							
		3	Often	87	34	4,164	38	17,060	34	1,499	39	3.1	2.9 * △	.16	2.9 * △	.13	2.9 * △	.13
		4	Very often	103	38	3,173	29	16,533	33	1,168	30							
			Total	261	100	10,838	100	49,202	100	3,819	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 29

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

Seniors

Frequency Distributions [a] — **Statistical Comparisons** [b]

Your seniors compared with

Item wording or description	Variable name [c]	Values [d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	Small Peer Mean	Effect size [e]
c. People with religious beliefs other than your own	DDreligion	1	Never	11	5	670	6	4,331	10	237	6							
		2	Sometimes	80	32	3,197	30	14,067	29	1,096	29							
		3	Often	81	31	3,767	35	15,371	31	1,337	35	2.9	2.9	.05	2.8	.08	2.9	.05
		4	Very often	88	33	3,204	29	15,403	31	1,152	29							
			Total	260	100	10,838	100	49,172	100	3,822	100							
d. People with political views other than your own	DDpolitical	1	Never	14	6	664	6	4,643	10	220	6							
		2	Sometimes	76	30	3,199	29	15,077	31	1,075	28							
		3	Often	83	32	3,829	35	15,034	30	1,356	35	2.9	2.9	.05	2.8 * △	.14	2.9	.01
		4	Very often	88	32	3,148	29	14,405	29	1,170	30							
			Total	261	100	10,840	100	49,159	100	3,821	100							
e. People with sexual orientations other than your own	ddsexorient	1	Never	18	8	976	10	5,268	12	311	9							
		2	Sometimes	78	31	3,655	34	14,937	31	1,234	34							
		3	Often	72	28	3,277	29	14,299	28	1,200	30	2.9	2.7 * △	.15	2.7 * △	.13	2.8	.11
		4	Very often	92	34	2,920	27	14,588	29	1,067	27							
			Total	260	100	10,828	100	49,092	100	3,812	100							
f. People from countries other than your own	ddcountry	1	Never	37	14	1,231	11	6,788	14	486	13							
		2	Sometimes	107	42	4,648	42	19,295	39	1,658	44							
		3	Often	52	20	2,781	26	11,874	24	945	24	2.5	2.6	-.01	2.6	-.01	2.5	.06
		4	Very often	64	25	2,173	20	11,212	23	732	19							
			Total	260	100	10,833	100	49,169	100	3,821	100							

9. During the current school year, about how often have you done the following?

Item wording or description	Variable name [c]	Values [d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	Small Peer Mean	Effect size [e]
a. Identified key information from reading assignments	LSreading	1	Never	3	1	380	4	1,286	3	94	3							
		2	Sometimes	63	25	2,596	24	9,612	20	836	23							
		3	Often	100	38	4,659	43	20,878	42	1,687	44	3.1	3.0 * △	.13	3.1	-.02	3.0	.05
		4	Very often	92	35	3,166	29	17,152	35	1,194	31							
			Total	258	100	10,801	100	48,928	100	3,811	100							
b. Reviewed your notes after class	LSnotes	1	Never	15	6	843	8	2,999	7	250	7							
		2	Sometimes	70	28	3,468	32	12,854	27	1,154	31							
		3	Often	89	34	3,690	34	17,066	35	1,328	35	2.9	2.8 * △	.16	2.9	.00	2.8	.10
		4	Very often	85	32	2,792	26	15,958	32	1,078	27							
			Total	259	100	10,793	100	48,877	100	3,810	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

Seniors

				Frequency Distributions[a]								Statistical Comparisons[b]							
													Your seniors compared with						
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public		Carnegie Class		Small Peer	
Item wording or description	*Variable name[c]*	*Values[d]*	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	*Effect size[e]*	Mean	*Effect size[e]*	Mean	*Effect size[e]*
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	17	6	685	6	2,413	5	195	5							
		2	Sometimes	74	30	3,321	31	12,542	26	1,098	29							
		3	Often	91	35	4,155	39	18,815	38	1,498	39	2.9	2.8	.06	2.9	-.09	2.9	-.01
		4	Very often	77	28	2,625	24	15,102	31	1,016	26							
			Total	259	100	10,786	100	48,872	100	3,807	100							

10. During the current school year, to what extent have your courses challenged you to do your best work?

				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public		Carnegie Class		Small Peer	
	challenge	1	Not at all	4	2	98	1	529	1	41	1							
		2		4	2	183	2	708	2	56	2							
		3		9	4	514	5	2,061	4	201	5							
		4		30	12	1,191	11	5,091	11	450	12	5.5	5.4	.07	5.6	-.07	5.4	.06
		5		70	28	3,462	32	12,969	26	1,138	31							
		6		69	26	2,795	26	11,921	24	954	25							
		7	Very much	71	27	2,488	23	15,246	31	952	24							
			Total	257	100	10,731	100	48,525	100	3,792	100							

11. Which of the following have you done while in college or do you plan to do before you graduate?[f]

			Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public		Carnegie Class		Small Peer	
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern *(Means indicate the percentage who responded "Done or in progress.")*	Have not decided	19	8	786	8	5,866	13	321	9							
		Do not plan to do	33	13	1,758	17	8,966	20	741	20							
		Plan to do	83	33	2,201	21	11,644	24	794	20	47%	54% * ▽	-.16	43%	.07	51%	-.08
		Done or in progress	122	47	5,992	54	21,975	43	1,935	51							
		Total	257	100	10,737	100	48,451	100	3,791	100							
b. Hold a formal leadership role in a student organization or group	leader *(Means indicate the percentage who responded "Done or in progress.")*	Have not decided	26	10	1,004	10	7,226	15	361	10							
		Do not plan to do	109	44	4,956	46	23,384	50	1,930	51							
		Plan to do	21	9	757	7	4,502	9	280	7	38%	36%	.02	26% *** △	.26	32%	.12
		Done or in progress	99	38	4,008	36	13,264	26	1,215	32							
		Total	255	100	10,725	100	48,376	100	3,786	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom *(Means indicate the percentage who responded "Done or in progress.")*	Have not decided	35	14	1,238	12	8,121	17	455	12							
		Do not plan to do	121	48	5,817	55	24,476	52	2,112	57							
		Plan to do	26	11	886	9	5,569	11	334	9	28%	25%	.07	19% *** △	.20	22%	.12
		Done or in progress	72	28	2,756	25	10,000	19	875	22							
		Total	254	100	10,697	100	48,166	100	3,776	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 31

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

Seniors

Frequency Distributions[a] / Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	Central Missouri %	Plains Public Count	Plains Public %	Carnegie Class Count	Carnegie Class %	Small Peer Count	Small Peer %	Central Missouri Mean	Plains Public Mean	Plains Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	Small Peer Mean	Small Peer Effect size[e]
d. Participate in a study abroad program *(Means indicate the percentage who responded "Done or in progress.")*	abroad		Have not decided	33	13	1,041	10	7,081	15	365	9							
			Do not plan to do	187	74	8,117	76	34,525	72	2,958	78							
			Plan to do	16	6	650	6	3,777	8	224	6	6%	8%	-.06	5%	.04	6%	.00
			Done or in progress	17	6	898	8	2,827	5	232	6							
			Total	253	100	10,706	100	48,210	100	3,779	100							
e. Work with a faculty member on a research project *(Means indicate the percentage who responded "Done or in progress.")*	research		Have not decided	62	25	1,427	14	8,627	18	496	13							
			Do not plan to do	118	45	5,841	54	24,837	52	2,174	57							
			Plan to do	33	14	1,067	10	5,519	12	358	10	16%	22% * ▽	-.14	18%	-.06	20%	-.10
			Done or in progress	41	16	2,360	22	9,198	18	748	20							
			Total	254	100	10,695	100	48,181	100	3,776	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.) *(Means indicate the percentage who responded "Done or in progress.")*	capstone		Have not decided	29	11	915	9	5,314	11	330	9							
			Do not plan to do	68	27	2,435	22	9,432	20	917	25							
			Plan to do	63	25	2,587	25	11,486	25	865	22	36%	45% ** ▽	-.17	44% ** ▽	-.17	44% * ▽	-.15
			Done or in progress	93	36	4,743	45	21,935	44	1,660	44							
			Total	253	100	10,680	100	48,167	100	3,772	100							

12. About how many of your courses at this institution have included a community-based project (service-learning)?

	servcourse	1	None	97	39	4,196	40	17,362	39	1,309	35							
		2	Some	113	44	5,216	48	23,521	47	1,966	53							
		3	Most	31	12	997	9	5,477	11	398	11	1.8	1.7	.11	1.8	.05	1.8	.02
		4	All	11	4	232	2	1,544	3	78	2							
			Total	252	100	10,641	100	47,904	100	3,751	100							

13. Indicate the quality of your interactions with the following people at your institution.

a. Students	QIstudent	1	Poor	2	1	110	1	799	2	40	1							
		2		2	1	164	2	866	2	70	2							
		3		9	3	386	4	1,788	4	155	4							
		4		33	13	1,027	10	4,468	9	389	10							
		5		50	20	2,674	25	10,543	21	897	24	5.6	5.6	.02	5.6	.01	5.6	.04
		6		80	32	3,238	30	12,208	25	1,074	28							
		7	Excellent	68	27	2,839	27	14,881	31	1,046	28							
		—	Not applicable	9	4	221	2	2,458	6	84	2							
			Total	253	100	10,659	100	48,011	100	3,755	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 32

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
b. Academic advisors	QIadvisor	1	Poor	14	5	380	4	2,071	5	159	4							
		2		11	4	467	5	2,054	4	155	4							
		3		12	4	724	7	3,124	6	237	6							
		4		25	10	1,130	10	5,241	11	409	10							
		5		36	14	1,863	17	7,988	16	645	17	5.4	5.4	.03	5.4	.04	5.4	.00
		6		58	23	2,248	21	9,049	19	770	20							
		7	Excellent	90	36	3,725	35	17,526	37	1,347	37							
		—	Not applicable	8	3	109	1	900	2	31	1							
			Total	254	100	10,646	100	47,953	100	3,753	100							
c. Faculty	QIfaculty	1	Poor	2	1	122	1	899	2	53	2							
		2		6	2	241	2	1,017	2	72	2							
		3		4	1	496	5	2,108	4	156	4							
		4		27	11	1,249	12	4,970	10	423	11							
		5		59	23	2,719	25	10,343	21	895	24	5.7	5.4 **	.20	5.6	.09	5.5 *	.14
		6		68	27	3,134	29	12,703	26	1,106	29		△				△	
		7	Excellent	86	34	2,590	25	15,233	32	1,014	28							
		—	Not applicable	2	1	90	1	687	2	35	1							
			Total	254	100	10,641	100	47,960	100	3,754	100							
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	11	4	307	3	1,985	4	103	3							
		2		4	2	370	4	1,745	4	120	3							
		3		13	5	605	6	2,777	6	195	5							
		4		28	12	1,291	12	5,190	11	438	11							
		5		43	18	2,066	19	7,616	15	742	19	5.3	5.1	.12	5.1	.10	5.2	.09
		6		48	18	2,036	19	7,717	16	666	18							
		7	Excellent	59	24	1,997	19	10,780	23	732	20							
		—	Not applicable	47	18	1,969	19	10,104	22	756	21							
			Total	253	100	10,641	100	47,914	100	3,752	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 33

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]
Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	5	2	295	3	2,056	5	109	3							
		2		8	3	387	4	2,029	4	113	3							
		3		24	9	694	7	3,150	6	229	6							
		4		22	9	1,460	14	6,011	12	504	13							
		5		42	17	2,275	21	8,987	18	796	22	5.3	5.2	.11	5.2	.09	5.2	.06
		6		55	22	2,327	22	9,230	19	857	23							
		7	Excellent	67	26	2,282	22	12,573	27	864	23							
		—	Not applicable	29	12	921	9	3,921	9	280	8							
			Total	252	100	10,641	100	47,957	100	3,752	100							

14. How much does your institution emphasize the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	3	1	165	2	1,009	2	60	2							
		2	Some	52	22	2,170	21	9,376	20	833	23							
		3	Quite a bit	119	47	5,003	47	21,616	45	1,810	48	3.0	3.1	-.02	3.1	-.05	3.0	.04
		4	Very much	78	30	3,287	31	15,794	33	1,048	28							
			Total	252	100	10,625	100	47,795	100	3,751	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	12	5	536	5	2,920	7	171	5							
		2	Some	57	22	2,856	27	11,644	25	992	27							
		3	Quite a bit	109	45	4,709	44	19,138	40	1,625	43	3.0	2.9 * △	.14	2.9	.07	2.9	.10
		4	Very much	72	28	2,510	23	13,990	29	953	25							
			Total	250	100	10,611	100	47,692	100	3,741	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	31	12	1,059	10	4,911	11	356	10							
		2	Some	71	28	2,857	28	11,421	24	1,000	27							
		3	Quite a bit	89	37	4,124	39	17,090	35	1,431	38	2.7	2.8	-.06	2.8 * ▽	-.14	2.8	-.08
		4	Very much	59	23	2,558	23	14,224	29	953	25							
			Total	250	100	10,598	100	47,646	100	3,740	100							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	39	16	1,572	15	7,119	16	464	13							
		2	Some	83	32	3,637	34	14,093	30	1,203	32							
		3	Quite a bit	82	33	3,501	33	15,183	31	1,297	35	2.5	2.5	.01	2.6	-.07	2.6	-.09
		4	Very much	47	19	1,877	18	11,168	23	778	20							
			Total	251	100	10,587	100	47,563	100	3,742	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE national survey of student engagement

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name [c]	Values [d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	Small Peer Mean	Effect size [e]
e. Providing opportunities to be involved socially	SEsocial	1	Very little	19	8	764	8	5,170	12	253	7							
		2	Some	67	27	2,953	28	12,800	28	1,015	27							
		3	Quite a bit	99	40	4,424	41	17,432	36	1,552	41	2.8	2.8	.03	2.7	.10	2.8	-.02
		4	Very much	63	25	2,442	23	12,113	24	918	24							
			Total	248	100	10,583	100	47,515	100	3,738	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	25	10	1,032	10	5,759	13	308	8							
		2	Some	64	25	3,150	30	13,738	29	1,075	29							
		3	Quite a bit	100	40	4,130	39	16,343	34	1,472	40	2.8	2.7	.08	2.7	.11	2.8	.01
		4	Very much	62	24	2,269	21	11,629	24	882	23							
			Total	251	100	10,581	100	47,469	100	3,737	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	78	31	3,531	33	14,779	32	1,154	31							
		2	Some	71	29	3,880	36	15,964	33	1,370	37							
		3	Quite a bit	64	26	2,134	21	10,304	21	801	22	2.2	2.1 * △	.18	2.2	.07	2.1	.11
		4	Very much	37	15	1,023	10	6,369	13	413	11							
			Total	250	100	10,568	100	47,416	100	3,738	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	39	16	1,347	13	10,041	24	494	14							
		2	Some	72	29	3,382	32	13,428	28	1,216	32							
		3	Quite a bit	90	36	3,860	36	14,620	30	1,352	36	2.6	2.6	-.01	2.4 * △	.14	2.6	.01
		4	Very much	49	19	1,976	18	9,279	18	664	18							
			Total	250	100	10,565	100	47,368	100	3,726	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	64	26	2,303	22	11,553	26	727	20							
		2	Some	87	35	4,286	40	16,165	34	1,477	40							
		3	Quite a bit	60	25	2,830	27	12,603	26	1,060	28	2.3	2.3	.03	2.3	.01	2.3	-.04
		4	Very much	39	15	1,147	11	7,010	14	463	12							
			Total	250	100	10,566	100	47,331	100	3,727	100							

15. To what extent do you agree or disagree with the following statements?

Item wording or description	Variable name	Values	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size	Carnegie Class Mean	Effect size	Small Peer Mean	Effect size
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	5	2	214	2	1,241	3	67	2							
		2	Disagree	24	10	749	7	3,267	7	279	8							
		3	Agree	111	45	5,533	52	22,922	48	1,964	52	3.3	3.3	.05	3.3	.01	3.3	.05
		4	Strongly agree	108	44	4,077	39	19,938	43	1,418	39							
			Total	248	100	10,573	100	47,368	100	3,728	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

Seniors

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	10	4	636	6	2,897	7	194	5							
		2	Disagree	48	20	2,053	20	7,941	17	674	18							
		3	Agree	113	45	5,467	51	23,510	49	1,978	53	3.0	2.9 *	.16	3.0	.06	3.0	.10
		4	Strongly agree	77	31	2,415	23	12,989	28	881	24		△					
			Total	248	100	10,571	100	47,337	100	3,727	100							
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	12	5	537	5	2,812	7	186	5							
		2	Disagree	55	22	1,999	19	8,782	19	736	20							
		3	Agree	106	42	5,471	52	23,090	48	1,905	51	3.0	2.9	.07	2.9	.06	2.9	.07
		4	Strongly agree	76	31	2,579	24	12,715	27	903	24							
			Total	249	100	10,586	100	47,399	100	3,730	100							

16. About how many hours do you spend in a typical 7-day week doing the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs *(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	3	1	43	0	195	0	17	1							
		3	1-5 hrs	26	10	1,264	12	5,675	12	532	14							
		8	6-10 hrs	66	28	2,336	22	10,512	22	918	25							
		13	11-15 hrs	58	24	2,190	21	9,417	20	769	21							
		18	16-20 hrs	36	15	2,004	19	8,993	19	650	17	14.4	15.3	-.10	15.4	-.11	14.3	.02
		23	21-25 hrs	20	8	1,181	11	5,382	11	388	10							
		28	26-30 hrs	20	7	652	6	3,125	7	193	5							
		33	More than 30 hrs	19	7	891	9	3,937	8	258	7							
			Total	248	100	10,561	100	47,236	100	3,725	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 36

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs (Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	99	40	4,408	42	24,423	54	1,752	47	5.7	4.9	.11	4.2 ** △	.22	4.5 * △	.17
		3	1-5 hrs	65	26	3,044	28	10,791	22	992	26							
		8	6-10 hrs	36	15	1,386	13	4,685	10	448	12							
		13	11-15 hrs	18	7	741	7	2,991	6	232	6							
		18	16-20 hrs	14	6	471	5	1,932	4	137	4							
		23	21-25 hrs	8	4	216	2	1,064	2	69	2							
		28	26-30 hrs	4	2	115	1	528	1	25	1							
		33	More than 30 hrs	4	2	154	2	746	2	60	2							
			Total	248	100	10,535	100	47,160	100	3,715	100							
c. Working for pay **on campus**	tmworkonhrs (Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	180	72	7,571	73	36,813	80	2,839	76	4.3	3.5	.11	2.7 *** △	.25	3.3 * △	.15
		3	1-5 hrs	2	1	524	5	1,840	3	131	4							
		8	6-10 hrs	8	3	758	7	2,717	5	199	5							
		13	11-15 hrs	21	8	696	6	2,129	4	211	6							
		18	16-20 hrs	33	14	683	6	2,292	5	223	6							
		23	21-25 hrs	4	2	150	1	665	1	48	1							
		28	26-30 hrs	0	0	53	1	308	1	18	0							
		33	More than 30 hrs	1	0	110	1	410	1	50	1							
			Total	249	100	10,545	100	47,174	100	3,719	100							
d. Working for pay **off campus**	tmworkoffhrs (Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	85	35	3,713	35	15,846	33	1,068	29	14.2	13.9	.02	15.6	-.10	16.1 * ▽	-.14
		3	1-5 hrs	8	3	519	5	2,022	4	171	5							
		8	6-10 hrs	14	6	747	7	2,964	6	235	6							
		13	11-15 hrs	27	11	873	8	3,194	6	274	7							
		18	16-20 hrs	23	9	1,127	11	4,479	9	422	11							
		23	21-25 hrs	27	11	947	9	3,699	7	402	11							
		28	26-30 hrs	18	7	634	6	3,152	6	275	7							
		33	More than 30 hrs	45	19	1,979	20	11,857	27	871	24							
			Total	247	100	10,539	100	47,213	100	3,718	100							
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											18.4	17.4	.08	18.2	.01	19.3	-.07

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 37

Seniors

Frequency Distributions[a] — Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
e. Doing community service or volunteer work	tmservicehrs *(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	143	59	6,042	58	26,900	58	2,015	55							
		3	1-5 hrs	59	23	3,231	30	12,744	26	1,218	32							
		8	6-10 hrs	27	10	611	6	3,488	7	238	7							
		13	11-15 hrs	10	4	293	3	1,744	4	102	3							
		18	16-20 hrs	5	2	175	2	1,080	2	67	2	2.9	2.6	.08	3.0	-.01	2.8	.03
		23	21-25 hrs	1	0	80	1	480	1	31	1							
		28	26-30 hrs	2	1	40	0	249	1	19	1							
		33	More than 30 hrs	1	0	68	1	467	1	30	1							
			Total	248	100	10,540	100	47,152	100	3,720	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs *(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	11	5	271	3	1,786	4	95	3							
		3	1-5 hrs	54	21	2,401	22	13,546	28	926	24							
		8	6-10 hrs	73	29	2,947	27	13,157	28	1,049	27							
		13	11-15 hrs	43	17	2,158	21	8,424	18	728	20							
		18	16-20 hrs	34	14	1,421	14	5,195	11	461	13	11.4	11.7	-.03	10.5	.12	11.3	.01
		23	21-25 hrs	18	8	558	5	2,052	4	182	5							
		28	26-30 hrs	8	3	301	3	1,045	2	106	3							
		33	More than 30 hrs	8	3	483	5	1,971	4	169	5							
			Total	249	100	10,540	100	47,176	100	3,716	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs *(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	159	65	7,593	71	26,396	55	2,549	68							
		3	1-5 hrs	33	13	878	8	5,380	11	351	9							
		8	6-10 hrs	11	4	397	4	3,048	7	154	4							
		13	11-15 hrs	9	4	284	3	2,054	5	119	3							
		18	16-20 hrs	8	3	207	2	1,640	4	81	2	5.2	5.0	.02	8.2 *** ▽	-.24	5.6	-.03
		23	21-25 hrs	4	2	131	1	861	2	53	2							
		28	26-30 hrs	2	1	83	1	767	2	37	1							
		33	More than 30 hrs	22	9	961	9	6,995	15	373	11							
			Total	248	100	10,534	100	47,141	100	3,717	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 38

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

Seniors

				Frequency Distributions[a]									Statistical Comparisons[b]							
														Your seniors compared with						
				Central Missouri		Plains Public		Carnegie Class		Small Peer			Central Missouri	Plains Public		Carnegie Class		Small Peer	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs *(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	50	20	2,439	24	14,746	33	946	27								
		3	1-5 hrs	112	45	6,107	57	20,188	42	1,999	53								
		8	6-10 hrs	52	21	1,226	12	6,976	15	454	12								
		13	11-15 hrs	15	6	429	4	2,560	5	184	5								
		18	16-20 hrs	10	4	161	2	1,168	2	53	1		5.5	4.0 *** ▲	.31	4.5 ** △	.17	4.0 *** △	.29
		23	21-25 hrs	4	2	78	1	542	1	35	1								
		28	26-30 hrs	3	1	29	0	285	1	10	0								
		33	More than 30 hrs	3	1	80	1	743	2	36	1								
			Total	249	100	10,549	100	47,208	100	3,717	100								

17. Of the time you spend preparing for class in a typical 7-day week, about how much is on *assigned reading?*

				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
	reading	1	Very little	41	17	1,982	19	5,834	13	606	16								
		2	Some	73	30	3,495	33	13,290	28	1,219	33								
		3	About half	70	28	2,665	25	13,393	28	1,021	28		2.7	2.6	.09	2.9 ** ▽	-.17	2.6	.04
		4	Most	46	18	1,730	17	9,941	21	633	17								
		5	Almost all	18	7	634	6	4,544	10	226	6								
			Total	248	100	10,506	100	47,002	100	3,705	100								
	tmreadinghrs *(Continuous variable created by NSSE. Calculated as a proportion of* tmprephrs *based on* reading, *where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)*												6.6	6.4	.04	7.6 * ▽	-.14	6.3	.06
	tmreadinghrscol *(Collapsed version of tmreadinghrs created by NSSE.)*	1	0 hrs	3	1	42	0	191	0	17	1								
		2	More than zero, up to 5 hrs	124	51	5,705	54	21,549	46	2,032	55								
		3	More than 5, up to 10 hrs	74	29	2,752	27	13,330	28	969	26								
		4	More than 10, up to 15 hrs	16	6	973	9	5,221	11	335	9								
		5	More than 15, up to 20 hrs	15	6	521	5	3,088	7	178	5								
		6	More than 20, up to 25 hrs	11	4	345	3	2,260	5	117	3								
		7	More than 25 hrs	4	2	145	1	1,184	3	50	1								
			Total	247	100	10,483	100	46,823	100	3,698	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 FREQUENCIES AND STATISTICAL COMPARISONS • 39

NSSE 2023 Frequencies and Statistical Comparisons
University of Central Missouri

Seniors

				Frequency Distributions[a]								Statistical Comparisons[b]							
													Your seniors compared with					
				Central Missouri		Plains Public		Carnegie Class		Small Peer		Central Missouri	Plains Public		Carnegie Class		Small Peer	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	7	3	626	6	2,210	5	176	5							
		2	Some	58	23	2,568	25	9,224	20	875	23							
		3	Quite a bit	99	41	4,269	41	18,477	39	1,499	41	**3.1**	2.9 *	.16	3.1	.00	3.0	.09
		4	Very much	85	33	3,062	29	17,184	36	1,160	31		△					
			Total	249	100	10,525	100	47,095	100	3,710	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	15	6	830	8	3,294	8	245	7							
		2	Some	53	21	2,805	27	10,494	23	933	25							
		3	Quite a bit	87	35	4,040	38	17,606	37	1,437	39	**3.0**	2.8 ***	.22	2.9	.10	2.9 *	.14
		4	Very much	92	37	2,848	27	15,639	32	1,099	29		△				△	
			Total	247	100	10,523	100	47,033	100	3,714	100							
c. Thinking critically and analytically	pgthink	1	Very little	8	3	249	3	1,156	3	91	3							
		2	Some	31	13	1,396	13	6,004	13	488	13							
		3	Quite a bit	90	36	4,263	40	17,770	38	1,500	41	**3.3**	3.2	.03	3.3	.00	3.2	.04
		4	Very much	118	47	4,606	44	22,132	46	1,629	43							
			Total	247	100	10,514	100	47,062	100	3,708	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	25	10	935	9	4,368	9	355	10							
		2	Some	68	28	2,699	25	11,736	24	1,001	27							
		3	Quite a bit	75	30	3,659	35	15,765	34	1,277	35	**2.9**	2.9	-.04	2.9	-.05	2.8	.03
		4	Very much	80	32	3,222	31	15,183	33	1,077	29							
			Total	248	100	10,515	100	47,052	100	3,710	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	14	6	680	7	3,515	8	231	6							
		2	Some	48	20	2,357	23	10,105	22	813	22							
		3	Quite a bit	78	31	3,802	36	16,319	34	1,370	37	**3.1**	3.0 *	.14	3.0 *	.14	3.0	.13
		4	Very much	107	43	3,680	35	17,128	36	1,295	35		△		△			
			Total	247	100	10,519	100	47,067	100	3,709	100							
f. Working effectively with others	pgothers	1	Very little	8	3	467	5	2,738	7	147	4							
		2	Some	44	18	2,158	21	9,382	21	754	20							
		3	Quite a bit	93	38	4,361	41	17,389	36	1,540	42	**3.2**	3.0 **	.17	3.0 **	.16	3.0 *	.14
		4	Very much	103	41	3,521	33	17,522	36	1,263	33		△		△		△	
			Total	248	100	10,507	100	47,031	100	3,704	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

Seniors

Frequency Distributions[a] — Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	22	10	1,150	12	4,310	10	358	10							
		2	Some	64	26	2,729	26	10,886	24	916	25							
		3	Quite a bit	86	35	3,747	35	16,242	34	1,312	36	2.8	2.8	.07	2.9	-.03	2.8	.00
		4	Very much	75	30	2,876	27	15,579	32	1,119	29							
			Total	247	100	10,502	100	47,017	100	3,705	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	21	9	978	10	3,980	10	272	8							
		2	Some	65	27	2,900	28	10,924	24	915	25							
		3	Quite a bit	80	32	3,701	35	16,016	33	1,333	36	2.9	2.8	.09	2.9	-.03	2.9	-.03
		4	Very much	81	32	2,921	27	16,102	33	1,186	31							
			Total	247	100	10,500	100	47,022	100	3,706	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	15	6	830	8	3,974	9	286	8							
		2	Some	66	26	2,809	26	11,701	25	988	27							
		3	Quite a bit	84	35	3,948	38	16,717	35	1,378	37	2.9	2.8	.09	2.9	.07	2.9	.09
		4	Very much	82	32	2,924	28	14,654	31	1,055	28							
			Total	247	100	10,511	100	47,046	100	3,707	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	29	12	1,396	14	5,267	12	396	11							
		2	Some	66	27	3,194	30	12,649	27	1,048	28							
		3	Quite a bit	79	32	3,503	33	15,527	32	1,287	35	2.8	2.6 * △	.14	2.8	.02	2.8	.03
		4	Very much	73	29	2,426	23	13,642	28	971	26							
			Total	247	100	10,519	100	47,085	100	3,702	100							

19. How would you evaluate your entire educational experience at this institution?

	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
	evalexp	1	Poor	4	2	286	3	1,406	3	86	3							
		2	Fair	31	12	1,459	14	6,535	14	512	14							
		3	Good	114	48	5,010	47	20,517	43	1,819	48	3.2	3.1	.11	3.2	.05	3.2	.09
		4	Excellent	98	39	3,763	35	18,765	40	1,285	35							
			Total	247	100	10,518	100	47,223	100	3,702	100							

20. If you could start over again, would you go to the *same institution* you are now attending?

	Variable name[c]	Values[d]	Response options	Central Missouri Count	%	Plains Public Count	%	Carnegie Class Count	%	Small Peer Count	%	Central Missouri Mean	Plains Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	Small Peer Mean	Effect size[e]
	sameinst	1	Definitely no	9	4	449	5	2,445	5	155	4							
		2	Probably no	33	14	1,351	13	6,251	13	480	13							
		3	Probably yes	102	42	4,577	44	18,477	39	1,635	44	3.2	3.2	.04	3.2	.00	3.2	.03
		4	Definitely yes	104	41	4,173	39	20,216	43	1,444	39							
			Total	248	100	10,550	100	47,389	100	3,714	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics[g]
University of Central Missouri

First-Year Students

Variable Name	N Central Missouri	Mean Central Missouri	Mean Plains Public	Mean Carnegie Class	Mean Small Peer	Std error Central Missouri	Std error Plains Public	Std error Carnegie Class	Std error Small Peer	Std dev Central Missouri	Std dev Plains Public	Std dev Carnegie Class	Std dev Small Peer	df Plains Public	df Carnegie Class	df Small Peer	Sig Plains Public	Sig Carnegie Class	Sig Small Peer	Effect Plains Public	Effect Carnegie Class	Effect Small Peer
1 a. askquest	145	2.88	2.71	2.75	2.77	.070	.013	.006	.021	.85	.83	.87	.83	4,493	146	1,683	.014	.071	.146	.21	.15	.13
b. CLaskhelp	145	2.22	2.53	2.28	2.47	.075	.014	.006	.023	.90	.89	.96	.90	4,486	24,411	1,674	.000	.450	.001	-.35	-.06	-.28
c. CLexplain	142	2.50	2.58	2.34	2.52	.081	.013	.006	.022	.97	.84	.93	.84	148	24,356	161	.342	.037	.806	-.09	.18	-.02
d. CLstudy	143	2.16	2.39	2.16	2.30	.082	.015	.006	.024	.98	.96	.99	.95	4,460	24,186	1,664	.007	.933	.091	-.23	.01	-.15
e. CLproject	142	2.31	2.58	2.35	2.53	.075	.013	.006	.022	.89	.86	.97	.84	4,437	143	1,657	.000	.571	.003	-.31	-.04	-.26
f. present	139	2.06	2.10	2.17	2.22	.080	.013	.006	.023	.94	.86	.93	.88	4,430	23,954	1,653	.604	.163	.041	-.04	-.12	-.18
2 a. RIintegrate	139	2.54	2.59	2.54	2.61	.078	.013	.006	.022	.91	.83	.88	.84	4,370	23,561	1,633	.491	.947	.370	-.06	-.01	-.08
b. RIsocietal	138	2.58	2.50	2.58	2.58	.080	.013	.006	.023	.95	.87	.90	.87	4,339	23,290	1,620	.344	.999	.965	.08	.00	.00
c. RIdiverse	138	2.48	2.52	2.57	2.63	.079	.014	.006	.024	.92	.91	.93	.90	4,311	23,043	1,611	.636	.258	.072	-.04	-.10	-.16
d. RIownview	134	2.73	2.72	2.79	2.76	.064	.012	.005	.021	.74	.80	.82	.80	4,252	22,732	1,590	.872	.431	.695	.01	-.07	-.04
e. RIperspect	136	2.89	2.87	2.91	2.91	.062	.012	.005	.021	.72	.79	.81	.79	4,200	22,345	1,578	.698	.777	.823	.03	-.02	-.02
f. RInewview	134	2.84	2.82	2.87	2.83	.068	.012	.005	.021	.78	.78	.80	.79	4,133	21,934	1,552	.727	.683	.945	.03	-.04	.01
g. RIconnect	131	3.04	3.02	3.05	3.04	.067	.012	.005	.020	.77	.73	.76	.73	4,086	21,645	1,534	.774	.969	.935	.03	.00	.01
3 a. SFcareer	130	2.39	2.38	2.30	2.45	.088	.014	.006	.025	1.00	.91	.95	.92	136	21,618	1,533	.866	.293	.513	.02	.09	-.06
b. SFotherwork	130	1.81	1.87	1.78	1.88	.085	.015	.006	.026	.97	.93	.95	.96	4,076	21,505	1,533	.503	.717	.446	-.06	.03	-.07
c. SFdiscuss	128	2.02	2.00	1.99	2.03	.092	.014	.006	.024	1.03	.90	.94	.91	133	128	145	.848	.710	.892	.02	.04	-.01
d. SFperform	127	2.21	2.11	2.19	2.19	.091	.014	.006	.024	1.03	.88	.92	.89	132	128	144	.322	.885	.841	.10	.01	.02
4 a. memorize	126	2.72	2.90	2.86	2.91	.079	.013	.006	.021	.88	.80	.83	.80	132	21,038	145	.027	.049	.018	-.22	-.18	-.24
b. HOapply	126	2.80	2.87	2.87	2.85	.075	.013	.006	.021	.84	.79	.81	.79	3,974	20,863	1,492	.320	.280	.498	-.09	-.10	-.06
c. HOanalyze	125	2.77	2.83	2.88	2.81	.070	.013	.006	.022	.78	.80	.82	.80	3,935	20,555	1,472	.435	.154	.612	-.07	-.13	-.05
d. HOevaluate	124	2.85	2.79	2.91	2.83	.073	.013	.006	.022	.81	.82	.81	.80	3,912	20,403	1,468	.449	.361	.834	.07	-.08	.02
e. HOform	124	2.85	2.83	2.92	2.87	.076	.013	.006	.022	.84	.79	.80	.79	3,899	20,281	1,466	.789	.381	.854	.02	-.08	-.02
5 a. ETgoals	124	3.03	3.02	3.06	3.06	.076	.012	.006	.021	.85	.76	.80	.76	3,879	20,106	1,458	.846	.695	.743	.02	-.04	-.03
b. ETorganize	124	3.06	2.96	2.96	2.95	.074	.013	.006	.022	.83	.80	.87	.82	3,865	20,016	1,455	.169	.207	.140	.13	.11	.14
c. ETexample	122	2.91	2.97	2.98	2.98	.074	.013	.006	.022	.81	.80	.86	.80	3,855	19,976	1,452	.430	.406	.429	-.07	-.08	-.07
d. ETdraftfb	124	2.66	2.75	2.87	2.81	.084	.015	.007	.024	.93	.89	.92	.89	3,847	19,917	1,450	.299	.015	.082	-.09	-.22	-.16
e. ETfeedback	122	2.60	2.66	2.80	2.71	.081	.014	.007	.024	.90	.88	.92	.89	3,832	19,783	1,443	.500	.017	.208	-.06	-.22	-.12
f. etcriteria	120	2.94	2.95	3.02	2.97	.077	.013	.006	.023	.85	.81	.85	.82	3,807	19,661	1,431	.922	.276	.705	-.01	-.10	-.04
g. etreview	121	2.86	2.95	3.00	2.96	.081	.013	.006	.022	.89	.78	.82	.78	126	19,590	137	.309	.065	.223	-.11	-.17	-.13
h. etprefer	119	2.60	2.61	2.70	2.61	.072	.014	.006	.023	.79	.83	.90	.85	3,788	120	1,429	.936	.189	.932	-.01	-.11	-.01
i. etdemonstrate	120	3.12	3.08	3.08	3.09	.071	.013	.006	.021	.78	.77	.82	.77	3,783	19,496	1,426	.562	.626	.664	.05	.04	.04

See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics[g]
University of Central Missouri

First-Year Students

Variable Name	N Central Missouri	Mean Central Missouri	Mean Plains Public	Mean Carnegie Class	Mean Small Peer	Std error Central Missouri	Std error Plains Public	Std error Carnegie Class	Std error Small Peer	Std dev Central Missouri	Std dev Plains Public	Std dev Carnegie Class	Std dev Small Peer	df Plains Public	df Carnegie Class	df Small Peer	Sig Plains Public	Sig Carnegie Class	Sig Small Peer	ES Plains Public	ES Carnegie Class	ES Small Peer
6 a. QRconclude	117	2.53	2.60	2.60	2.53	.079	.014	.006	.024	.85	.85	.88	.85	3,725	19,134	1,409	.372	.404	.943	-.08	-.08	-.01
b. QRproblem	115	2.36	2.35	2.40	2.37	.085	.015	.007	.025	.91	.90	.93	.90	3,704	19,024	1,401	.972	.606	.835	.00	-.05	-.02
c. QRevaluate	115	2.24	2.35	2.35	2.34	.084	.014	.007	.025	.90	.86	.91	.88	3,693	18,870	1,394	.167	.186	.253	-.13	-.12	-.11
7 a. wrshortnum	113	6.48	5.81	6.31	5.92	.583	.091	.042	.151	6.19	5.47	5.74	5.41	3,694	18,827	1,392	.202	.753	.301	.12	.03	.10
b. wrmednum	110	2.13	2.01	2.48	2.04	.315	.057	.028	.094	3.31	3.40	3.88	3.35	3,678	18,692	1,385	.721	.344	.793	.03	-.09	.03
c. wrlongnum	112	1.22	.93	1.26	.92	.294	.050	.026	.082	3.11	2.98	3.60	2.93	3,687	18,720	1,390	.321	.891	.299	.10	-.01	.10
— wrpages	110	54.91	47.38	57.03	47.30	7.278	1.277	.650	2.062	76.34	76.18	88.28	73.51	3,665	18,579	1,379	.308	.801	.299	.10	-.02	.10
8 a. DDrace	112	2.76	2.88	2.88	2.93	.096	.015	.007	.025	1.01	.89	.97	.89	117	18,713	127	.200	.203	.088	-.14	-.12	-.19
b. DDeconomic	112	2.81	2.95	2.86	2.97	.098	.014	.007	.024	1.04	.85	.94	.87	116	112	125	.168	.611	.109	-.16	-.05	-.18
c. DDreligion	112	2.89	2.91	2.77	2.93	.094	.015	.007	.026	1.00	.89	.98	.91	117	18,659	1,387	.844	.218	.672	-.02	.12	-.04
d. DDpolitical	112	2.76	2.89	2.69	2.91	.095	.015	.007	.025	1.00	.89	.98	.90	117	18,646	127	.182	.466	.124	-.14	.07	-.17
e. ddsexorient	112	2.76	2.77	2.71	2.88	.101	.016	.007	.027	1.07	.96	1.02	.95	3,670	18,622	127	.896	.565	.272	-.01	.05	-.12
f. ddcountry	112	2.32	2.55	2.50	2.61	.098	.015	.007	.026	1.03	.93	1.00	.92	3,676	18,654	1,387	.009	.068	.002	-.25	-.17	-.31
9 a. LSreading	110	2.88	2.85	2.99	2.86	.075	.013	.006	.022	.78	.78	.79	.79	3,647	18,510	1,376	.653	.174	.769	.04	-.13	.03
b. LSnotes	110	2.90	2.83	2.93	2.83	.078	.015	.007	.025	.82	.88	.88	.88	3,651	18,499	1,379	.435	.722	.430	.08	-.03	.08
c. LSsummary	111	2.82	2.78	2.88	2.78	.089	.014	.006	.024	.93	.84	.86	.85	3,646	18,491	1,378	.565	.527	.577	.06	-.06	.06
10 challenge	111	5.38	5.28	5.40	5.23	.105	.020	.010	.034	1.10	1.17	1.29	1.21	3,628	111	1,371	.383	.836	.220	.08	-.02	.12
11 a. intern[l]	110	10%	8%	7%	8%	.029	.005	.002	.007	--	--	--	--	--	--	--	.420	.258	.307	.07	.10	.10
b. leader[l]	109	13%	12%	9%	11%	.032	.006	.002	.009	--	--	--	--	--	--	--	.864	.172	.597	.02	.12	.05
c. learncom[l]	110	8%	14%	9%	11%	.025	.006	.002	.009	--	--	--	--	--	--	--	.062	.686	.222	-.20	-.04	-.13
d. abroad[l]	106	2%	2%	2%	2%	.014	.002	.001	.004	--	--	--	--	--	--	--	.914	.889	.895	.01	-.01	-.01
e. research[l]	109	7%	5%	5%	5%	.024	.004	.002	.006	--	--	--	--	--	--	--	.486	.343	.367	.06	.08	.08
f. capstone[l]	109	2%	2%	3%	2%	.012	.002	.001	.004	--	--	--	--	--	--	--	.754	.545	.630	-.03	-.06	-.05
12 servcourse	109	1.47	1.63	1.66	1.66	.062	.012	.006	.019	.64	.69	.74	.68	3,566	17,983	1,350	.020	.008	.004	-.23	-.25	-.29
13 a. QIstudent	89	5.34	5.39	5.32	5.33	.153	.022	.011	.039	1.44	1.31	1.46	1.36	3,508	16,721	1,313	.724	.916	.970	-.04	.01	.00
b. QIadvisor	99	5.62	5.49	5.48	5.49	.162	.026	.012	.042	1.62	1.50	1.59	1.48	3,530	17,485	1,332	.404	.387	.403	.09	.09	.09
c. QIfaculty	102	5.60	5.39	5.47	5.39	.117	.022	.011	.037	1.18	1.28	1.41	1.30	3,521	103	1,327	.093	.262	.105	.17	.09	.17
d. QIstaff	85	5.61	5.22	5.24	5.25	.135	.026	.013	.045	1.24	1.49	1.63	1.51	3,244	85	103	.016	.007	.012	.26	.23	.24
e. QIadmin	88	5.37	5.21	5.27	5.25	.171	.026	.013	.043	1.60	1.47	1.60	1.46	3,284	16,378	1,234	.340	.589	.491	.10	.06	.08

Note: Column groups — N; Mean (Central Missouri, Plains Public, Carnegie Class, Small Peer); Standard error[h] (Central Missouri, Plains Public, Carnegie Class, Small Peer); Standard deviation[i] (Central Missouri, Plains Public, Carnegie Class, Small Peer); Degrees of freedom[j] — Comparisons with: (Plains Public, Carnegie Class, Small Peer); Significance[k] — Comparisons with: (Plains Public, Carnegie Class, Small Peer); Effect size[e] — Comparisons with: (Plains Public, Carnegie Class, Small Peer).

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics[g]
University of Central Missouri

First-Year Students

Variable Name	N Central Missouri	Mean Central Missouri	Mean Plains Public	Mean Carnegie Class	Mean Small Peer	SE Central Missouri	SE Plains Public	SE Carnegie Class	SE Small Peer	SD Central Missouri	SD Plains Public	SD Carnegie Class	SD Small Peer	DF Plains Public	DF Carnegie Class	DF Small Peer	Sig Plains Public	Sig Carnegie Class	Sig Small Peer	ES Plains Public	ES Carnegie Class	ES Small Peer
14 a. empstudy	109	2.93	3.01	3.04	2.98	.068	.013	.006	.021	.71	.74	.76	.74	3,561	17,938	1,346	.245	.135	.459	-.11	-.14	-.07
b. SEacademic	109	2.86	2.92	2.96	2.94	.080	.014	.007	.023	.84	.80	.87	.81	3,553	17,895	1,343	.452	.247	.363	-.07	-.11	-.09
c. SElearnsup	109	2.79	2.94	3.00	2.98	.092	.015	.007	.026	.97	.89	.93	.90	3,547	17,857	1,342	.086	.020	.034	-.17	-.22	-.21
d. SEdiverse	109	2.48	2.64	2.69	2.73	.090	.016	.007	.026	.94	.92	.97	.91	3,541	17,833	1,341	.074	.022	.005	-.17	-.22	-.28
e. SEsocial	109	2.72	2.91	2.82	2.93	.089	.014	.007	.024	.93	.84	.93	.85	114	17,792	125	.043	.264	.028	-.22	-.11	-.24
f. SEwellness	109	2.78	2.85	2.81	2.90	.089	.015	.007	.024	.93	.86	.93	.84	114	17,763	124	.462	.774	.194	-.08	-.03	-.14
g. SEnonacad	109	2.19	2.23	2.33	2.26	.083	.016	.007	.027	.87	.93	.99	.94	3,528	110	1,335	.707	.104	.489	-.04	-.14	-.07
h. SEactivities	109	2.67	2.81	2.59	2.81	.092	.015	.008	.025	.97	.87	1.02	.87	114	17,709	125	.152	.426	.150	-.15	.08	-.16
i. SEevents	109	2.26	2.36	2.35	2.41	.089	.016	.007	.026	.93	.92	.99	.92	3,527	17,708	1,334	.255	.353	.088	-.11	-.09	-.17
15 a. sbmyself	109	3.22	3.21	3.22	3.20	.060	.011	.005	.019	.62	.65	.69	.67	3,522	17,703	1,330	.863	.937	.768	.02	-.01	.03
b. sbvalued	109	2.98	2.92	3.02	2.93	.058	.012	.006	.020	.61	.72	.74	.71	118	110	136	.365	.503	.457	.08	-.05	.07
c. sbcommunity	109	2.87	2.95	2.97	2.93	.060	.013	.006	.021	.63	.73	.77	.75	3,518	17,684	1,331	.269	.180	.432	-.11	-.13	-.08
16 a. tmprephrs	108	11.88	14.55	14.30	13.25	.758	.134	.062	.217	7.89	7.81	8.18	7.58	3,514	17,631	1,326	.000	.002	.074	-.34	-.30	-.18
b. tmcocurrhrs	108	4.14	5.70	4.80	5.20	.622	.117	.054	.191	6.48	6.83	7.09	6.66	3,505	17,586	1,325	.019	.334	.112	-.23	-.09	-.16
c. tmworkonhrs	108	4.19	2.83	2.15	2.51	.806	.102	.042	.161	8.39	5.97	5.61	5.64	111	108	116	.095	.013	.043	.23	.36	.28
d. tmworkoffhrs	108	8.95	6.75	9.11	8.59	1.145	.172	.093	.308	11.90	10.04	12.30	10.74	112	17,600	1,324	.060	.895	.745	.22	-.01	.03
— tmworkhrs	108	13.16	9.55	11.25	11.08	1.385	.195	.101	.330	14.38	11.34	13.28	11.49	111	17,531	119	.011	.135	.147	.32	.14	.18
e. tmservicehrs	108	3.53	2.08	2.27	2.26	.563	.074	.037	.126	5.85	4.30	4.89	4.39	111	108	118	.012	.027	.030	.33	.26	.28
f. tmrelaxhrs	107	11.63	13.13	11.68	12.99	.708	.143	.065	.244	7.33	8.33	8.58	8.54	3,507	108	1,326	.066	.939	.110	-.18	-.01	-.16
g. tmcarehrs	108	5.74	2.05	5.29	2.16	.976	.102	.076	.170	10.14	5.97	10.05	5.93	109	17,568	113	.000	.645	.000	.60	.04	.56
h. tmcommutehrs	108	3.67	3.70	3.91	3.91	.558	.089	.047	.152	5.79	5.20	6.18	5.29	3,500	17,595	1,325	.945	.688	.649	-.01	-.04	-.05
17 reading	108	2.56	2.41	2.74	2.48	.104	.018	.008	.031	1.08	1.06	1.12	1.07	3,487	17,534	1,320	.161	.100	.472	.14	-.16	.07
— tmreadinghrs	108	4.87	5.51	6.63	5.38	.454	.088	.046	.147	4.72	5.08	6.03	5.13	3,478	109	1,316	.196	.000	.317	-.13	-.29	-.10

Note: Header groups — N; Mean (Central Missouri, Plains Public, Carnegie Class, Small Peer); Standard error[h] (Central Missouri, Plains Public, Carnegie Class, Small Peer); Standard deviation[i] (Central Missouri, Plains Public, Carnegie Class, Small Peer); Degrees of freedom[j] — Comparisons with: (Plains Public, Carnegie Class, Small Peer); Significance[k] — Comparisons with: (Plains Public, Carnegie Class, Small Peer); Effect size[e] — Comparisons with: (Plains Public, Carnegie Class, Small Peer).

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics[g]
University of Central Missouri

First-Year Students

Variable Name	N Central Missouri	Mean Central Missouri	Mean Plains Public	Mean Carnegie Class	Mean Small Peer	Std error Central Missouri	Std error Plains Public	Std error Carnegie Class	Std error Small Peer	Std dev Central Missouri	Std dev Plains Public	Std dev Carnegie Class	Std dev Small Peer	DF Plains Public	DF Carnegie Class	DF Small Peer	Sig Plains Public	Sig Carnegie Class	Sig Small Peer	Effect Plains Public	Effect Carnegie Class	Effect Small Peer
18 a. pgwrite	108	2.72	2.69	2.88	2.75	.090	.015	.006	.024	.94	.85	.86	.83	3,491	108	1,322	.714	.085	.732	.04	-.18	-.03
b. pgspeak	108	2.77	2.61	2.76	2.72	.095	.016	.007	.025	.98	.90	.91	.88	3,485	17,498	1,322	.071	.911	.573	.18	.01	.06
c. pgthink	108	3.07	3.02	3.08	3.03	.079	.013	.006	.022	.82	.78	.80	.77	3,487	17,500	1,323	.471	.905	.539	.07	-.01	.06
d. pganalyze	108	2.65	2.68	2.70	2.57	.096	.016	.007	.026	1.00	.91	.94	.91	3,487	17,504	1,322	.741	.599	.395	-.03	-.05	.09
e. pgwork	108	2.86	2.63	2.68	2.56	.097	.016	.007	.027	1.01	.91	.97	.93	3,488	17,497	1,322	.009	.046	.002	.26	.19	.32
f. pgothers	108	2.76	2.78	2.80	2.79	.090	.015	.007	.024	.93	.86	.91	.85	113	17,495	123	.899	.670	.816	-.01	-.04	-.03
g. pgvalues	108	2.82	2.60	2.72	2.65	.089	.016	.007	.026	.93	.91	.94	.91	3,488	17,475	1,324	.016	.302	.070	.24	.10	.18
h. pgdiverse	108	2.79	2.71	2.82	2.82	.089	.015	.007	.025	.93	.90	.93	.87	3,487	17,480	1,323	.356	.731	.771	.09	-.03	-.03
i. pgprobsolve	108	2.50	2.61	2.68	2.58	.088	.015	.007	.026	.92	.90	.93	.90	3,488	17,494	1,322	.207	.049	.347	-.12	-.19	-.09
j. pgcitizen	108	2.70	2.56	2.66	2.62	.094	.016	.007	.026	.97	.92	.95	.90	3,491	17,548	1,326	.130	.688	.424	.15	.04	.08
19 evalexp	106	3.09	3.07	3.10	3.05	.072	.012	.006	.020	.74	.70	.75	.69	3,497	17,591	1,327	.713	.897	.484	.04	-.01	.07
20 sameinst	106	3.24	3.17	3.18	3.15	.076	.013	.006	.022	.78	.74	.80	.77	3,510	17,693	1,331	.370	.484	.270	.09	.07	.11
21 returnexp[l]	106	84%	90%	87%	90%	.0355	.0051	.0025	.0087	--	--	--	--	--	--	--	.051	.350	.096	-.17	-.09	-.16

IPEDS: 176965

Column group notes: Standard error[h], Standard deviation[i], Degrees of freedom[j], Significance[k], Effect size[e]. Degrees of freedom, Significance, and Effect size show "Comparisons with:" Plains Public, Carnegie Class, Small Peer.

Seniors

Variable Name	N Central Missouri	Mean Central Missouri	Mean Plains Public	Mean Carnegie Class	Mean Small Peer	SE Central Missouri	SE Plains Public	SE Carnegie Class	SE Small Peer	SD Central Missouri	SD Plains Public	SD Carnegie Class	SD Small Peer	DF Plains Public	DF Carnegie Class	DF Small Peer	Sig Plains Public	Sig Carnegie Class	Sig Small Peer	ES Plains Public	ES Carnegie Class	ES Small Peer
1 a. askquest	294	3.17	3.00	3.02	3.10	.049	.009	.004	.016	.84	.87	.91	.84	9,010	45,699	3,108	.001	.005	.155	.19	.16	.09
b. CLaskhelp	294	2.49	2.43	2.29	2.39	.060	.010	.005	.018	1.02	.95	.99	.94	310	297	347	.265	.001	.109	.07	.20	.11
c. CLexplain	292	2.79	2.60	2.49	2.59	.055	.010	.005	.017	.94	.91	.97	.91	8,977	45,515	3,091	.001	.000	.000	.20	.31	.21
d. CLstudy	289	2.35	2.30	2.21	2.25	.060	.011	.005	.019	1.02	1.01	1.03	1.01	8,939	45,228	3,084	.391	.018	.114	.05	.14	.10
e. CLproject	289	2.85	2.80	2.60	2.72	.055	.010	.005	.018	.93	.93	1.04	.93	8,910	293	3,078	.375	.000	.029	.05	.24	.14
f. present	286	2.62	2.49	2.51	2.51	.057	.010	.005	.018	.96	.94	1.00	.93	8,888	44,942	3,068	.022	.062	.052	.14	.11	.12
2 a. RIintegrate	287	3.07	2.93	2.90	2.97	.053	.009	.004	.016	.90	.83	.88	.83	303	44,482	339	.014	.002	.073	.16	.19	.12
b. RIsocietal	287	2.95	2.73	2.81	2.83	.053	.010	.004	.017	.89	.90	.92	.90	8,799	44,209	3,048	.000	.011	.038	.24	.15	.13
c. RIdiverse	283	2.77	2.58	2.66	2.70	.058	.011	.005	.018	.98	.97	.98	.96	8,734	43,932	3,025	.001	.058	.218	.20	.11	.08
d. RIownview	282	2.95	2.81	2.87	2.88	.052	.009	.004	.016	.87	.83	.85	.83	8,680	43,534	3,009	.006	.155	.209	.17	.08	.08
e. RIperspect	282	3.05	2.93	2.99	3.02	.050	.009	.004	.015	.84	.81	.82	.79	8,587	42,995	335	.012	.213	.553	.15	.07	.04
f. RInewview	277	3.06	2.92	2.98	2.98	.050	.009	.004	.015	.84	.79	.81	.78	8,511	42,428	327	.004	.104	.143	.18	.10	.10
g. RIconnect	274	3.32	3.18	3.22	3.24	.042	.008	.004	.014	.70	.73	.74	.71	8,428	42,044	2,930	.001	.020	.055	.20	.14	.12
3 a. SFcareer	277	2.79	2.44	2.43	2.53	.058	.011	.005	.019	.97	.98	1.01	.98	8,431	42,009	2,936	.000	.000	.000	.36	.36	.26
b. SFotherwork	274	2.28	1.99	1.90	2.01	.064	.011	.005	.020	1.06	1.02	1.03	1.03	290	41,797	328	.000	.000	.000	.28	.36	.25
c. SFdiscuss	273	2.50	2.14	2.10	2.17	.063	.011	.005	.019	1.04	.95	.99	.96	288	275	322	.000	.000	.000	.37	.40	.33
d. SFperform	273	2.50	2.18	2.24	2.21	.061	.010	.005	.018	1.02	.92	.96	.91	287	275	319	.000	.000	.000	.35	.27	.31
4 a. memorize	273	2.93	2.73	2.74	2.73	.052	.010	.004	.017	.86	.88	.89	.88	292	276	334	.000	.000	.000	.24	.22	.24
b. HOapply	269	3.15	3.04	3.07	3.03	.048	.009	.004	.015	.78	.79	.81	.79	8,276	40,972	2,883	.031	.104	.019	.13	.10	.15
c. HOanalyze	267	3.11	2.98	3.05	3.00	.050	.009	.004	.016	.82	.82	.82	.82	8,207	40,514	2,864	.015	.225	.036	.15	.07	.13
d. HOevaluate	268	3.04	2.87	3.00	2.95	.053	.010	.004	.016	.86	.85	.84	.83	8,192	40,324	2,854	.002	.479	.123	.19	.04	.10
e. HOform	268	3.05	2.94	3.02	2.97	.048	.009	.004	.016	.78	.81	.81	.80	8,148	40,125	2,844	.025	.494	.108	.14	.04	.10
5 a. ETgoals	268	3.28	3.10	3.15	3.15	.048	.009	.004	.015	.78	.78	.81	.76	286	39,877	323	.000	.007	.007	.24	.16	.18
b. ETorganize	268	3.12	3.03	3.05	3.06	.049	.009	.004	.016	.80	.81	.87	.81	8,094	39,753	2,827	.064	.183	.230	.12	.08	.08
c. ETexample	268	3.23	3.06	3.07	3.07	.047	.009	.004	.016	.78	.82	.87	.83	8,081	39,707	2,820	.001	.003	.002	.21	.18	.20
d. ETdraftfb	266	3.01	2.77	2.86	2.84	.055	.011	.005	.018	.90	.94	.96	.93	285	269	2,818	.000	.011	.006	.25	.15	.18
e. ETfeedback	266	3.02	2.79	2.87	2.84	.055	.010	.005	.018	.90	.89	.93	.90	8,044	39,453	2,810	.000	.009	.002	.26	.16	.20
f. etcriteria	265	3.12	3.00	3.10	3.06	.049	.009	.004	.016	.81	.82	.85	.82	8,024	39,265	2,804	.019	.592	.223	.15	.03	.08
g. etreview	265	3.17	3.01	3.07	3.04	.048	.009	.004	.016	.79	.79	.84	.79	283	39,117	2,800	.001	.045	.012	.21	.12	.16
h. etprefer	265	2.87	2.73	2.80	2.77	.054	.010	.005	.017	.87	.87	.91	.87	8,003	39,088	2,798	.009	.228	.092	.16	.07	.11
i. etdemonstrate	266	3.26	3.13	3.14	3.14	.048	.009	.004	.015	.78	.78	.83	.78	7,992	39,044	2,798	.006	.015	.015	.17	.15	.16

See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics[g]
University of Central Missouri

Seniors

Variable Name	N Central Missouri	Mean Central Missouri	Mean Plains Public	Mean Carnegie Class	Mean Small Peer	SE[h] Central Missouri	SE Plains Public	SE Carnegie Class	SE Small Peer	SD[i] Central Missouri	SD Plains Public	SD Carnegie Class	SD Small Peer	df[j] Plains Public	df Carnegie Class	df Small Peer	Sig[k] Plains Public	Sig Carnegie Class	Sig Small Peer	ES[e] Plains Public	ES Carnegie Class	ES Small Peer
6 a. QRconclude	265	2.65	2.65	2.67	2.60	.053	.010	.005	.018	.86	.90	.92	.90	7,922	38,516	2,780	.918	.698	.337	.01	-.02	.06
b. QRproblem	262	2.61	2.45	2.51	2.44	.063	.011	.005	.019	1.01	.95	.96	.93	277	38,359	309	.011	.089	.009	.17	.11	.18
c. QRevaluate	262	2.54	2.45	2.46	2.43	.062	.010	.005	.018	1.00	.91	.94	.91	276	38,170	309	.125	.163	.085	.11	.09	.12
7 a. wrshortnum	262	6.46	6.82	7.55	6.77	.386	.073	.034	.127	6.25	6.34	6.58	6.34	7,855	38,044	2,760	.372	.007	.453	-.06	-.17	-.05
b. wrmednum	262	2.90	2.96	3.78	2.94	.260	.047	.024	.084	4.20	4.12	4.71	4.17	7,825	37,871	2,750	.836	.003	.890	-.01	-.19	-.01
c. wrlongnum	261	1.30	1.61	2.14	1.53	.188	.040	.021	.067	3.04	3.45	4.12	3.37	7,845	267	2,758	.162	.000	.299	-.09	-.20	-.07
— wrpages	261	62.29	67.83	84.45	66.41	5.249	1.026	.538	1.791	84.86	89.02	103.89	89.20	7,788	266	2,741	.322	.000	.476	-.06	-.21	-.05
8 a. DDrace	261	2.91	2.86	2.96	2.87	.057	.011	.005	.018	.93	.91	.96	.91	7,841	37,958	2,754	.357	.415	.462	.06	-.05	.05
b. DDeconomic	261	3.06	2.92	2.93	2.94	.055	.010	.005	.017	.88	.87	.93	.85	7,827	37,847	2,750	.011	.032	.045	.16	.13	.13
c. DDreligion	260	2.91	2.87	2.83	2.87	.057	.010	.005	.018	.91	.91	.98	.91	7,826	37,814	2,751	.436	.189	.480	.05	.08	.05
d. DDpolitical	261	2.91	2.87	2.78	2.90	.057	.010	.005	.018	.92	.91	.98	.90	7,822	264	2,751	.438	.019	.825	.05	.14	.01
e. ddsexorient	260	2.87	2.73	2.75	2.76	.060	.011	.005	.019	.97	.96	1.00	.95	7,815	37,752	2,745	.018	.040	.078	.15	.13	.11
f. ddcountry	260	2.55	2.55	2.56	2.49	.063	.011	.005	.019	1.01	.94	1.00	.94	274	37,806	307	.905	.811	.370	-.01	-.01	.06
9 a. LSreading	258	3.07	2.97	3.09	3.03	.050	.010	.004	.016	.81	.83	.81	.80	7,796	37,632	2,742	.047	.698	.442	.13	-.02	.05
b. LSnotes	259	2.92	2.77	2.92	2.83	.057	.011	.005	.018	.91	.92	.92	.91	7,792	37,601	2,743	.011	.994	.126	.16	.00	.10
c. LSsummary	259	2.86	2.80	2.94	2.86	.056	.010	.005	.017	.90	.88	.88	.86	7,786	37,574	2,740	.341	.139	.934	.06	-.09	-.01
10 challenge	257	5.49	5.40	5.58	5.41	.084	.015	.007	.026	1.35	1.29	1.33	1.31	7,743	37,307	2,728	.277	.258	.374	.07	-.07	.06
11 a. intern[l]	257	47%	54%	43%	51%	.0312	.0058	.0026	.0101	--	--	--	--	--	--	--	.012	.274	.206	-.16	.07	-.08
b. leader[l]	255	38%	36%	26%	32%	.0304	.0056	.0023	.0094	--	--	--	--	--	--	--	.710	.000	.071	.02	.26	.12
c. learncom[l]	254	28%	25%	19%	22%	.0281	.0050	.0021	.0084	--	--	--	--	--	--	--	.295	.001	.058	.07	.20	.12
d. abroad[l]	253	6%	8%	5%	6%	.0153	.0031	.0012	.0049	--	--	--	--	--	--	--	.408	.565	.958	-.06	.04	.00
e. research[l]	254	16%	22%	18%	20%	.0230	.0048	.0020	.0081	--	--	--	--	--	--	--	.032	.339	.125	-.14	-.06	-.10
f. capstone[l]	253	36%	45%	44%	44%	.0303	.0058	.0026	.0100	--	--	--	--	--	--	--	.008	.009	.023	-.17	-.17	-.15
12 servcourse	252	1.82	1.74	1.78	1.80	.051	.008	.004	.014	.81	.72	.75	.70	7,676	36,786	291	.091	.401	.738	.11	.05	.02
13 a. QIstudent	243	5.61	5.58	5.60	5.56	.080	.015	.008	.027	1.25	1.29	1.41	1.33	7,520	247	2,630	.729	.881	.581	.02	.01	.04
b. QIadvisor	247	5.44	5.39	5.37	5.43	.112	.020	.009	.035	1.76	1.70	1.75	1.72	7,592	35,988	2,670	.683	.575	.943	.03	.04	.00
c. QIfaculty	252	5.71	5.45	5.58	5.52	.082	.016	.008	.028	1.30	1.35	1.44	1.36	7,609	255	2,672	.002	.105	.035	.20	.09	.14
d. QIstaff	208	5.31	5.12	5.14	5.18	.112	.021	.010	.036	1.62	1.61	1.76	1.58	6,219	28,604	2,150	.097	.169	.244	.12	.10	.09
e. QIadmin	222	5.33	5.16	5.18	5.24	.107	.019	.009	.033	1.59	1.58	1.73	1.55	6,994	33,529	2,484	.120	.202	.412	.11	.09	.06

See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics[g]
University of Central Missouri

Seniors

	Variable Name	N — Central Missouri	Mean — Central Missouri	Mean — Plains Public	Mean — Carnegie Class	Mean — Small Peer	Standard error[h] — Central Missouri	SE — Plains Public	SE — Carnegie Class	SE — Small Peer	Standard deviation[i] — Central Missouri	SD — Plains Public	SD — Carnegie Class	SD — Small Peer	Degrees of freedom[j] — Plains Public	df — Carnegie Class	df — Small Peer	Significance[k] — Plains Public	Sig — Carnegie Class	Sig — Small Peer	Effect size[e] — Plains Public	ES — Carnegie Class	ES — Small Peer
14 a.	empstudy	252	3.05	3.07	3.08	3.02	.048	.009	.004	.015	.76	.76	.78	.75	7,667	36,694	2,697	.722	.461	.510	-.02	-.05	.04
b.	SEacademic	250	2.97	2.85	2.91	2.89	.053	.010	.005	.017	.83	.83	.89	.84	7,655	253	2,688	.027	.241	.144	.14	.07	.10
c.	SElearnsup	250	2.70	2.75	2.83	2.78	.061	.011	.005	.019	.96	.93	.97	.93	7,647	36,580	2,687	.369	.030	.219	-.06	-.14	-.08
d.	SEdiverse	251	2.54	2.53	2.61	2.62	.061	.011	.005	.019	.97	.95	1.01	.94	7,633	36,507	2,688	.937	.250	.184	.01	-.07	-.09
e.	SEsocial	248	2.81	2.79	2.72	2.83	.057	.010	.005	.018	.90	.88	.97	.88	7,630	251	2,684	.696	.104	.749	.03	.10	-.02
f.	SEwellness	251	2.78	2.71	2.68	2.77	.059	.011	.005	.018	.93	.91	.98	.90	7,633	254	2,686	.199	.082	.893	.08	.11	.01
g.	SEnonacad	250	2.24	2.07	2.17	2.13	.066	.011	.005	.020	1.05	.96	1.02	.98	264	36,397	295	.011	.246	.119	.18	.07	.11
h.	SEactivities	250	2.58	2.59	2.43	2.57	.062	.011	.005	.019	.98	.94	1.04	.94	7,621	253	2,678	.819	.016	.925	-.01	.14	.01
i.	SEevents	250	2.29	2.26	2.27	2.33	.064	.011	.005	.019	1.01	.92	1.00	.93	264	36,313	294	.681	.817	.579	.03	.01	-.04
15 a.	sbmyself	248	3.30	3.27	3.30	3.27	.046	.008	.004	.014	.72	.69	.72	.68	7,623	36,340	2,675	.408	.907	.453	.05	.01	.05
b.	sbvalued	248	3.03	2.90	2.98	2.95	.052	.010	.004	.016	.83	.82	.84	.79	7,622	36,311	2,676	.013	.343	.131	.16	.06	.10
c.	sbcommunity	250	3.00	2.94	2.95	2.94	.054	.009	.004	.016	.85	.80	.84	.80	7,634	36,365	2,679	.267	.352	.323	.07	.06	.07
16 a.	tmprephrs	249	14.45	15.34	15.38	14.30	.547	.102	.046	.173	8.62	8.75	8.80	8.53	7,617	36,233	2,673	.111	.096	.800	-.10	-.11	.02
b.	tmcocurrhrs	248	5.73	4.94	4.19	4.53	.488	.082	.037	.142	7.68	7.06	7.02	6.97	261	250	290	.112	.002	.019	.11	.22	.17
c.	tmworkonhrs	250	4.28	3.54	2.69	3.25	.469	.081	.034	.142	7.41	6.98	6.38	6.97	264	251	296	.120	.001	.037	.11	.25	.15
d.	tmworkoffhrs	247	14.22	13.92	15.57	16.11	.825	.152	.072	.266	12.97	13.00	13.74	13.11	7,601	250	2,669	.726	.102	.031	.02	-.10	-.14
—	tmworkhrs	247	18.45	17.44	18.25	19.34	.759	.150	.073	.261	11.94	12.85	13.85	12.85	266	251	307	.193	.791	.268	.08	.01	-.07
e.	tmservicehrs	248	2.93	2.56	2.96	2.76	.339	.058	.030	.105	5.34	4.96	5.66	5.19	7,601	36,163	2,669	.243	.927	.618	.08	-.01	.03
f.	tmrelaxhrs	250	11.45	11.72	10.51	11.34	.518	.096	.043	.166	8.18	8.23	8.12	8.18	7,601	36,185	2,669	.608	.070	.848	-.03	.12	.01
g.	tmcarehrs	249	5.25	4.99	8.16	5.57	.643	.121	.065	.220	10.13	10.34	12.28	10.83	7,592	253	2,668	.705	.000	.653	.02	-.24	-.03
h.	tmcommutehrs	250	5.54	3.99	4.49	4.04	.392	.057	.032	.105	6.19	4.90	6.12	5.16	259	36,211	285	.000	.007	.000	.31	.17	.29
17	reading	249	2.67	2.57	2.87	2.63	.074	.013	.006	.023	1.16	1.14	1.17	1.11	7,576	36,046	2,661	.145	.009	.587	.09	-.17	.04
—	tmreadinghrs	248	6.64	6.38	7.56	6.28	.396	.069	.035	.120	6.24	5.89	6.62	5.88	7,560	35,900	2,655	.498	.029	.365	.04	-.14	.06

See the endnotes on the last page of this report.

NSSE 2023 Frequencies and Statistical Comparisons

Detailed Statistics[g]
University of Central Missouri

Seniors

	Variable Name	N Central Missouri	Mean Central Missouri	Mean Plains Public	Mean Carnegie Class	Mean Small Peer	Standard error[h] Central Missouri	Standard error Plains Public	Standard error Carnegie Class	Standard error Small Peer	Standard deviation[i] Central Missouri	Standard deviation Plains Public	Standard deviation Carnegie Class	Standard deviation Small Peer	Degrees of freedom[j] Plains Public	Degrees of freedom Carnegie Class	Degrees of freedom Small Peer	Significance[k] Plains Public	Significance Carnegie Class	Significance Small Peer	Effect size[e] Plains Public	Effect size Carnegie Class	Effect size Small Peer
18 a.	pgwrite	250	3.05	2.91	3.06	2.98	.052	.010	.005	.017	.82	.88	.87	.86	7,594	36,125	2,666	.015	.941	.191	.16	.00	.09
b.	pgspeak	247	3.03	2.83	2.93	2.91	.058	.011	.005	.018	.92	.92	.93	.90	7,588	36,085	2,666	.001	.104	.042	.22	.10	.14
c.	pgthink	247	3.27	3.25	3.28	3.25	.052	.009	.004	.016	.82	.79	.80	.78	7,579	36,098	2,662	.599	.969	.584	.03	.00	.04
d.	pganalyze	249	2.86	2.89	2.90	2.83	.062	.011	.005	.019	.98	.95	.96	.95	7,583	36,099	2,663	.541	.457	.687	-.04	-.05	.03
e.	pgwork	247	3.12	2.99	2.98	3.00	.059	.011	.005	.018	.92	.92	.95	.90	7,587	36,111	2,663	.026	.025	.061	.14	.14	.13
f.	pgothers	249	3.16	3.02	3.01	3.05	.053	.010	.005	.017	.83	.86	.92	.84	7,580	36,073	2,661	.008	.010	.039	.17	.16	.14
g.	pgvalues	247	2.84	2.77	2.87	2.84	.061	.011	.005	.020	.96	.97	.98	.96	7,573	36,069	2,659	.253	.643	.985	.07	-.03	.00
h.	pgdiverse	247	2.87	2.79	2.90	2.90	.062	.011	.005	.019	.97	.95	.97	.93	7,573	36,072	2,660	.178	.665	.697	.09	-.03	-.03
i.	pgprobsolve	247	2.93	2.85	2.87	2.85	.058	.011	.005	.019	.91	.92	.95	.92	7,579	36,102	2,660	.144	.305	.196	.09	.07	.09
j.	pgcitizen	247	2.79	2.65	2.77	2.76	.063	.011	.005	.020	1.00	.98	1.00	.96	7,585	36,130	2,655	.026	.731	.637	.14	.02	.03
19	evalexp	247	3.23	3.15	3.19	3.16	.046	.009	.004	.015	.72	.78	.80	.75	7,588	36,252	2,657	.083	.422	.171	.11	.05	.09
20	sameinst	248	3.20	3.16	3.20	3.18	.051	.010	.005	.016	.81	.82	.86	.81	7,609	36,387	2,666	.489	.951	.642	.04	.00	.03

IPEDS: 176965

Endnotes

a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.

b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a z-test.

c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.

d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.

e. Effect size for independent t-tests uses Cohen's d; z-tests use Cohen's h. See page 2 for more details.

f. Statistical comparison uses z-test to compare the percentage who responded "Done or in progress" or "Yes."

g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).

h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.

i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.

j. Degrees of freedom used to compute the t-tests. Values differ from Ns due to weighting and whether equal variances were assumed.

k. Statistical comparisons are two-tailed independent t-tests or z-tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.

l. Mean represents the proportion who responded "Done or in progress" or "Yes."